

Converting Colors

XYZ(79.4447, 93.0875,
100.4592)

Have a look what the booklet for
XYZ(79.4447, 93.0875, 100.4592)
contains.

XYZ(78.8198, 91.8142, 99.9539)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.8198, 91.8142,
99.9539)**

Conversions

Conversions Part 1

Format	Color
Hex	D2FFF5
RGB	210, 255, 245
RGB Percent	82%, 100%, 96%
CMY	0.1765, 0.0000, 0.0392
CMYK	0.18, 0.00, 0.04, 0.00
HSL	167°, 100%, 91%
HSV	167°, 18%, 100%
XYZ	78.8198, 91.8142, 99.9539
YIQ	240.4050, -23.6100, -12.6500

Conversions

Conversions Part 2

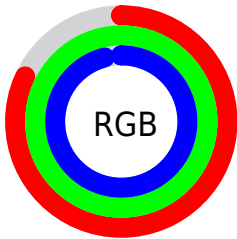
Format	Color
R_{YB}	210, 235, 255
Decimal	13828085
CIE _{Lab}	96.74, -16.21, 0.01
CIE _{LCh}	97, 16.214, 179.963
Y _{xy}	91.8142, 0.2913, 0.3393
Android (android.graphics.Color)	4292018165 (0xFFD2FFF5)
YUV	240.4050, 2.2653, -26.6652
Hunter-Lab	95.8197, -20.8532, 5.2257

Details

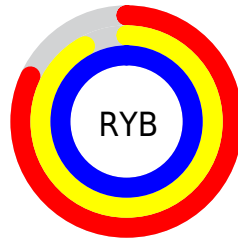
The XYZ color **78.8198, 91.8142, 99.9539** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.2055, 72.5217, 77.6395**, and the grayscale version is **83.1375, 87.4671, 95.2517**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8970, 51.0309, 55.7331** is the 20% darker color. If you saturate the color by 10%, you get **71.2774, 88.0244, 95.1555**, and if you desaturate by 10%, it is **87.5473, 96.2119, 104.9490**.

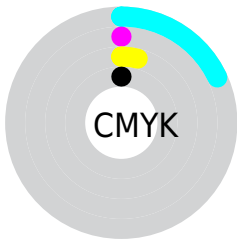
Distribution



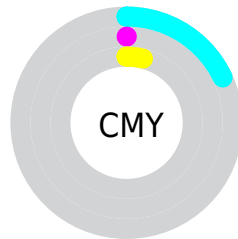
- Red (82%)
- Green (100%)
- Blue (96%)



- Red (82%)
- Yellow (92%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)




- Cyan (18%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.8198, 91.8142, 99.9539 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.8198, 91.8142, 99.9539 by changing the saturation by 10% instead.


 78.8198, 91.8142,
99.9539

 78.8198, 91.8142,
99.9539

479.7438,
533.9149, 581.2903

 59.0528, 69.4863,
75.6454


130.6644,
149.8559, 163.1452

 42.9021, 51.1079,
55.6368


163.4727,
186.3384, 202.8650

 30.0025, 36.2945,
39.5098


201.3588,
228.3080, 248.5589

 19.9886, 24.6617,
26.8457

244.6881,
276.1490, 300.6456

 12.4950, 15.8252,
17.2259

293.8259,
330.2457, 359.5436

 7.1563, 9.4005,
10.2321

349.1375,

 3.6072, 5.0033,

390.9827, 425.6713

5.4455

410.9884,
458.7443, 499.4473

■ 1.4824, 2.2492,
2.4477

■ 0.3138, 0.7466,
0.8122

■ 78.8198, 91.8142,
99.9539

■ 78.8198, 91.8142,
99.9539

■ 71.2774, 88.0244,
95.1555

■ 87.5473, 96.2119,
104.9490

■ 64.8625, 84.8127,
90.5455

95.0500, 100.0000,
108.9000

■ 59.5165, 82.1492,
86.1213

■ 55.1748, 80.0004,
81.8787

■ 51.7653, 78.3292,
77.8131

■ 49.2061, 77.0934,
73.9193

■ 47.4009, 76.2434,
70.1915

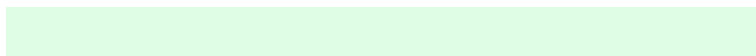
■ 46.2225, 75.7137,
66.6224

■ 45.9924, 75.6130,
65.8031

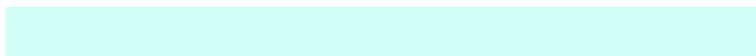
Harmonies

Analogous

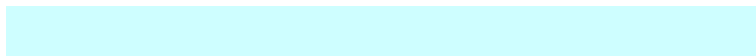
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9210, 91.8142, 87.9634



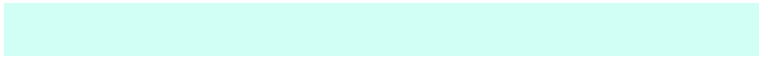
78.8198, 91.8142, 99.9539



79.9157, 91.8142, 112.9921

Triad

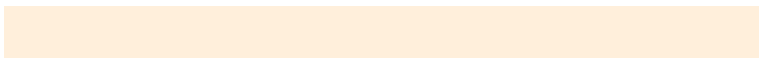
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8198, 91.8142, 99.9539



91.7024, 91.8142, 123.2470



91.7125, 91.8142, 79.8394

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.8198, 91.8142, 99.9539



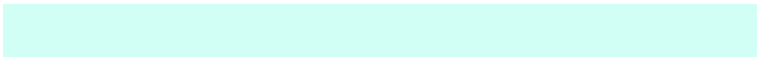
77.2055, 72.5217, 77.6395

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0551, 91.8142, 87.9891



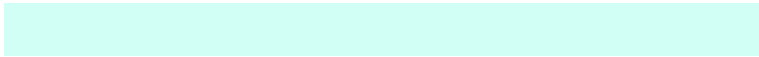
78.8198, 91.8142, 99.9539



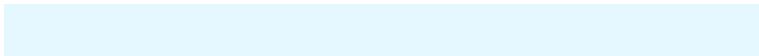
95.0491, 91.8142, 113.0224

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8198, 91.8142, 99.9539



87.2610, 91.8142, 127.1313



96.2964, 91.8142, 99.9862



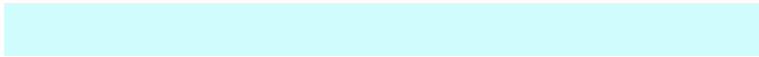
87.2723, 91.8142, 76.9822

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



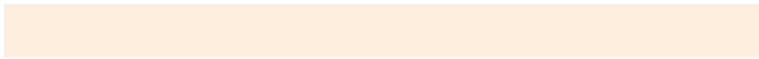
78.8198, 91.8142, 99.9539



81.7673, 91.8142, 120.3727



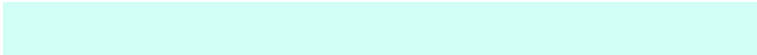
96.2964, 91.8142, 99.9862



93.0072, 91.8142, 82.0138

Sweetspot

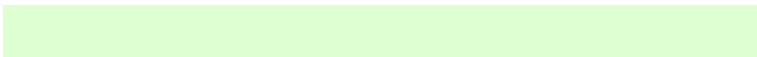
The Sweet Spot groups the original color and five complimentary colors.



78.8207, 91.8147, 99.9554



90.0610, 97.4804, 106.3032



77.0605, 91.4673, 74.5678



19.1321, 20.7918, 22.6760



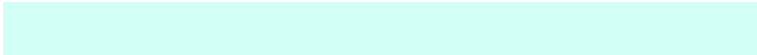
0.0000, 0.0000, 0.0000



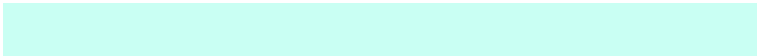
20.3446, 21.4041, 23.3091

Same Dimension

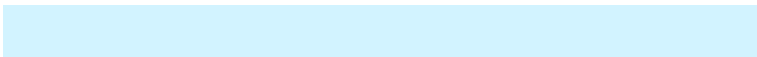
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8207, 91.8147, 99.9554



76.1616, 90.4772, 98.3242



76.6798, 85.0236, 106.9775



18.3719, 20.4083, 22.2616



24.0907, 39.5329, 34.6925



2.3861, 3.8654, 3.5912

Inverse Universe

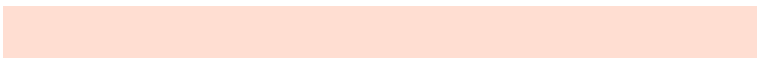
The Inverse Universe completely reimagines the original color for something new.



77.2055, 72.5217, 77.6395



74.2862, 68.0652, 72.4055



78.9949, 78.1568, 71.8966



18.1746, 18.0532, 19.5366



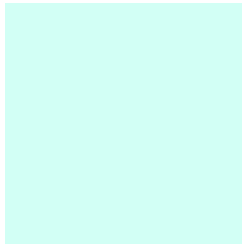
21.9756, 11.2795, 3.2561



2.1785, 1.1138, 0.5215

Previews

White Background



This preview shows how the XYZ color 78.8198, 91.8142, 99.9539 looks on a white background.

Color Contrast Check

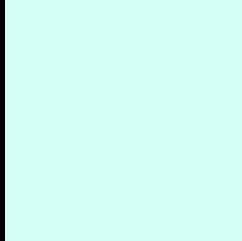
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.8198, 91.8142, 99.9539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

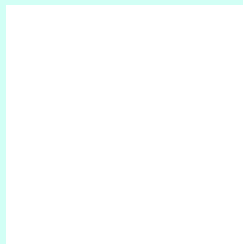
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8198, 91.8142, 99.9539

Background



This preview shows how black text looks on a background with the XYZ color 78.8198, 91.8142, 99.9539.



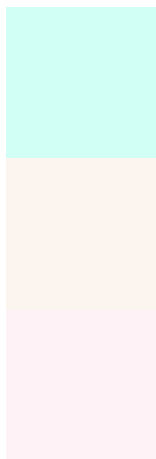
This preview shows how white text looks on a background with the XYZ color 78.8198, 91.8142,

99.9539.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.8198, 91.8142, 99.9539

Protanopia

87.7143, 91.4426, 94.6885

Deuteranopia

89.7806, 91.4797, 100.9211



Tritanopia

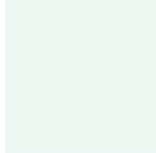
85.5717, 91.4037, 107.7403

Trichromacy



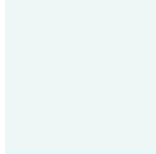
Original Color

78.8198, 91.8142, 99.9539



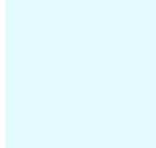
Protanomaly

84.0367, 91.3185, 96.4161



Deuteranomaly

85.4919, 91.5261, 100.3492



Tritanomaly

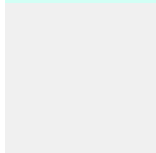
82.9622, 91.5050, 104.5564

Monochromacy



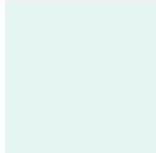
Original Color

78.8198, 91.8142, 99.9539



Achromatopsia

82.8234, 87.1367, 94.8919



Achromatomaly

80.9925, 88.3736, 96.7935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8198, 91.8142, 99.9539 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(210, 255, 245)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 255, 245) }
```

Border

The CSS property to change the border of an element to XYZ 78.8198, 91.8142, 99.9539 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 255, 245) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 255, 245) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(210, 255,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8198, 91.8142, 99.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 255, 245) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
255, 245) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor