

Converting Colors

XYZ(85.9798, 105.4190,
97.7960)

Have a look what the booklet for
XYZ(85.9798, 105.4190, 97.7960)
contains.

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Color

**XYZ(79.3643, 92.1991,
95.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFEF
RGB	215, 255, 239
RGB Percent	84%, 100%, 94%
CMY	0.1569, 0.0000, 0.0627
CMYK	0.16, 0.00, 0.06, 0.00
HSL	156°, 100%, 92%
HSV	156°, 16%, 100%
XYZ	79.3643, 92.1991, 95.2746
YIQ	241.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

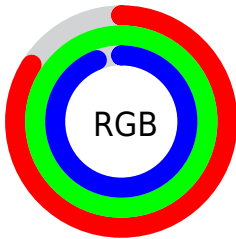
Format	Color
R _Y B	215, 240, 255
Decimal	14155759
CIE Lab	96.90, -15.81, 3.36
CIE LCh	97, 16.167, 167.992
Yxy	92.1991, 0.2974, 0.3455
Android (android.graphics.Color)	4292345839 (0xFFD7FFEF)
YUV	241.2160, -1.0925, -22.9914
Hunter-Lab	96.0204, -20.4989, 8.3847

Details

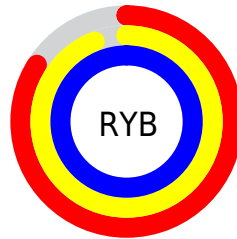
The XYZ color **79.3643, 92.1991, 95.2746** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.9647, 75.6314, 85.9850**, and the grayscale version is **83.7977, 88.1617, 96.0081**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2385, 51.2806, 52.4190** is the 20% darker color. If you saturate the color by 10%, you get **70.9863, 88.0492, 87.2381**, and if you desaturate by 10%, it is **88.9961, 96.9853, 103.8166**.

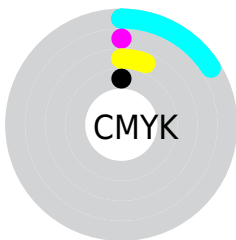
Distribution



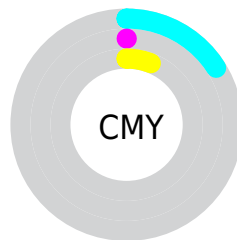
- Red (84%)
- Green (100%)
- Blue (94%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3643, 92.1991, 95.2746 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 79.3643, 92.1991, 95.2746 by changing the saturation by 10% instead.


 79.3643, 92.1991,
95.2746

 79.3643, 92.1991,
95.2746


481.5571,
535.1588, 566.0505

 59.5020, 69.8060,
71.7654


131.4268,
150.3893, 156.6428

 43.2653, 51.3684,
52.4814


164.3578,
186.9552, 195.3388

 30.2888, 36.5019,
37.0040

202.3757,
229.0142, 239.9342

 20.2070, 24.8221,
24.9148

245.8460,
276.9506, 290.8475

 12.6548, 15.9445,
15.7952

295.1339,
331.1489, 348.4972

 7.2666, 9.4849,
9.2265

350.6048,

 3.6772, 5.0588,

391.9934, 413.3020

4.7904

412.6241,
459.8686, 485.6802

■ 1.5212, 2.2818,
2.0682

■ 0.3402, 0.7641,
0.5968

■ 79.3643, 92.1991,
95.2746

■ 79.3643, 92.1991,
95.2746

■ 70.9863, 88.0492,
87.2381

■ 88.9961, 96.9853,
103.8166

■ 63.8042, 84.5063,
79.6928

95.0500, 100.0000,
108.9000

■ 57.7594, 81.5402,
72.6300

■ 52.7870, 79.1175,
66.0390

■ 48.8152, 77.2015,
59.9085

■ 45.7631, 75.7508,
54.2268

■ 43.5365, 74.7167,
48.9811

■ 42.0187, 74.0394,
44.1574

■ 41.5103, 73.8201,
42.2009

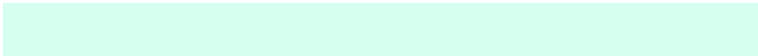
Harmonies

Analogous

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



81.3016, 92.1991, 84.5627



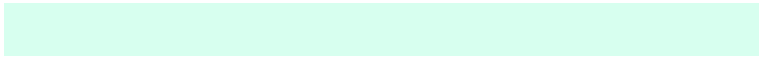
79.3643, 92.1991, 95.2746



79.5854, 92.1991, 108.3152

Triad

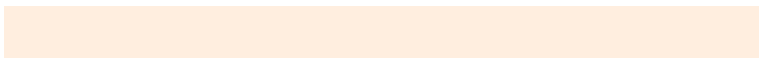
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3643, 92.1991, 95.2746



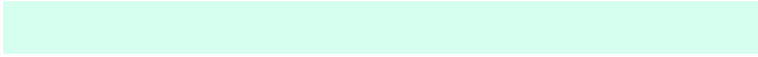
90.3580, 92.1991, 126.1079



93.6084, 92.1991, 82.9265

Complementary

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



79.3643, 92.1991, 95.2746



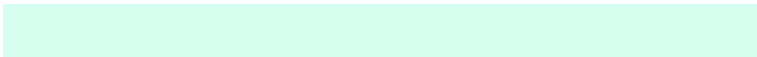
79.9647, 75.6314, 85.9850

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.



96.2045, 92.1991, 92.8595



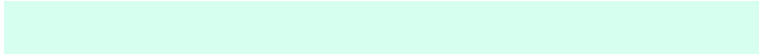
79.3643, 92.1991, 95.2746



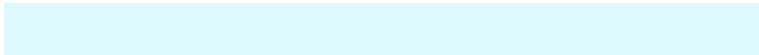
94.2837, 92.1991, 118.0765

Square

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



79.3643, 92.1991, 95.2746



85.8279, 92.1991, 126.8963



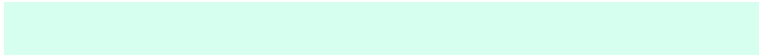
96.4558, 92.1991, 105.6835



89.4621, 92.1991, 77.8570

Rectangle

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



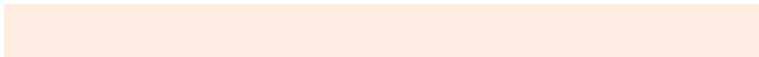
79.3643, 92.1991, 95.2746



80.9280, 92.1991, 116.5866



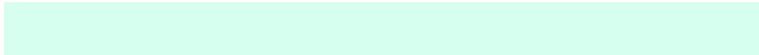
96.4558, 92.1991, 105.6835



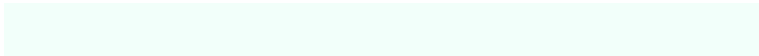
94.6974, 92.1991, 85.7660

Sweetspot

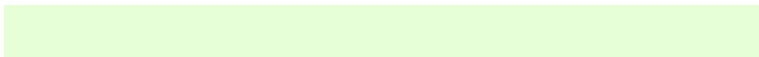
The Sweet Spot groups the original color and five complimentary colors.



79.3651, 92.1995, 95.2761



89.7035, 97.3374, 104.4207



80.9813, 93.4155, 78.0541



19.0451, 20.7570, 22.2178



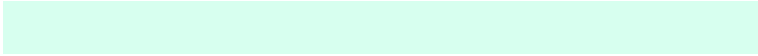
0.0000, 0.0000, 0.0000



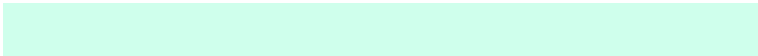
20.3446, 21.4041, 23.3091

Same Dimension

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



79.3651, 92.1995, 95.2761



76.4519, 90.7548, 92.5567



80.5721, 90.6618, 107.8606



18.2292, 20.3512, 21.5101



21.7658, 38.6029, 22.4498



2.1733, 3.7802, 2.4702

Inverse Universe

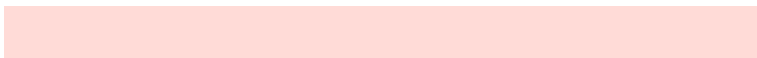
The Inverse Universe completely reimagines the original color for something new.



79.9647, 75.6314, 85.9850



77.1616, 71.1550, 81.5676



78.8379, 76.8303, 74.9658



18.3104, 18.1075, 20.2515



22.8706, 11.6375, 7.9689



2.2790, 1.1540, 1.0508

Previews

White Background



This preview shows how the XYZ color 79.3643, 92.1991, 95.2746 looks on a white background.

Color Contrast Check

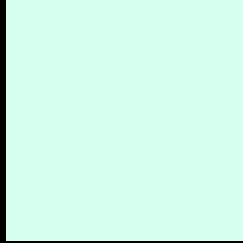
Large Text (above 18pt) WCAG AA × Fail

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 79.3643, 92.1991, 95.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

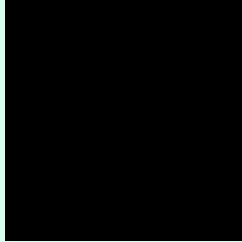
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

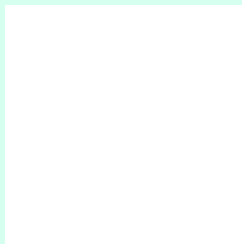
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.3643, 92.1991, 95.2746

Background



This preview shows how black text looks on a background with the XYZ color 79.3643, 92.1991, 95.2746.



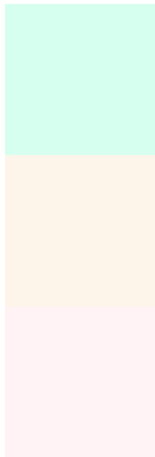
This preview shows how white text looks on a background with the XYZ color 79.3643, 92.1991,

95.2746.

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

79.3643, 92.1991, 95.2746

Protanopia

87.8684, 92.0707, 90.2310

Deuteranopia

89.7720, 91.9538, 99.4036

Tritanopia

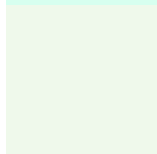
86.2358, 91.7461, 107.7714

Trichromacy



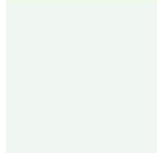
Original Color

79.3643, 92.1991, 95.2746



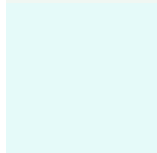
Protanomaly

84.4677, 92.1002, 91.9225



Deuteranomaly

85.3736, 91.5179, 97.9591



Tritanomaly

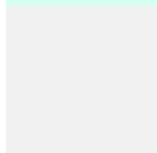
83.5976, 91.8688, 102.9489

Monochromacy



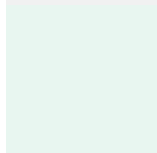
Original Color

79.3643, 92.1991, 95.2746



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9627, 89.3586, 95.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3643, 92.1991, 95.2746 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(215, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 239)  
}
```

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(215, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 79.3643, 92.1991, 95.2746 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(215, 255, 239) }
```


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

```
.border{ border-color:rgb(215, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3643, 92.1991, 95.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 239) }
```

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

```
.background{ background-color: rgb(215,  
255, 239) }
```

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](#).

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