

Converting Colors

XYZ(79.9065, 91.4959, 99.2842)

Have a look what the booklet for
XYZ(79.9065, 91.4959, 99.2842)
contains.

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Color

**XYZ(79.7733, 91.3811,
99.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FDF4
RGB	216, 253, 244
RGB Percent	85%, 99%, 96%
CMY	0.1529, 0.0078, 0.0431
CMYK	0.15, 0.00, 0.04, 0.01
HSL	165°, 90%, 92%
HSV	165°, 15%, 99%
XYZ	79.7733, 91.3811, 99.0218
YIQ	240.9110, -19.1630, -10.6430

Conversions

Conversions Part 2

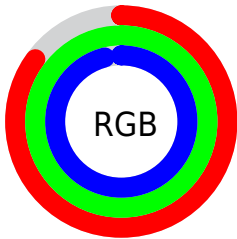
Format	Color
R _Y B	216, 237, 253
Decimal	14220788
CIE Lab	96.57, -13.56, 0.31
CIE LCh	97, 13.566, 178.689
Yxy	91.3811, 0.2953, 0.3382
Android (android.graphics.Color)	4292410868 (0xFFD8FDF4)
YUV	240.9110, 1.5229, -21.8469
Hunter-Lab	95.5935, -18.3293, 5.4991

Details

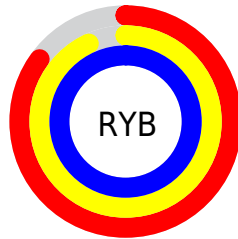
The XYZ color **79.7733, 91.3811, 99.0218** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.6577, 75.4330, 81.6525**, and the grayscale version is **83.5404, 87.8910, 95.7133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5150, 50.6878, 55.0672** is the 20% darker color. If you saturate the color by 10%, you get **71.9478, 87.4556, 93.8588**, and if you desaturate by 10%, it is **88.7861, 95.9200, 104.4072**.

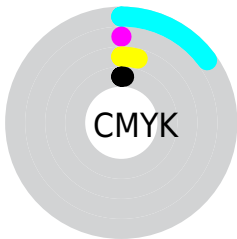
Distribution



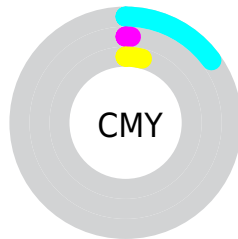
- Red (85%)
- Green (99%)
- Blue (96%)



- Red (85%)
- Yellow (93%)
- Blue (99%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7733, 91.3811, 99.0218 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 79.7733, 91.3811, 99.0218 by changing the saturation by 10% instead.

79.7733, 91.3811,
99.0218

79.7733, 91.3811,
99.0218

482.9167,
532.5133, 578.2718

59.8396, 69.1267,
74.8715

131.9992,
149.2553, 161.8524

43.5384, 50.8149,
55.0066

165.0221,
185.6439, 201.3698

30.5041, 36.0613,
39.0083

203.1388,
227.5127, 246.8467

20.3715, 24.4816,
26.4583

246.7146,
275.2461, 298.7015

12.7752, 15.6912,
16.9380

296.1150,
329.2285, 357.3529

7.3499, 9.3059,
10.0288

351.7052,

3.7301, 4.9413,

389.8442, 423.2194

5.3122

413.8507,
457.4777, 496.7195

■ 1.5506, 2.2128,
2.3697

■ 0.3599, 0.7270,
0.7699

■ 79.7733, 91.3811,
99.0218

■ 79.7733, 91.3811,
99.0218

■ 71.9478, 87.4556,
93.8588

■ 88.7861, 95.9200,
104.4072

■ 65.2490, 84.1049,
88.9080

■ 94.4169, 98.7339,
108.6890

■ 59.6227, 81.3035,
84.1673

■ 55.0069, 79.0196,
79.6320

■ 51.3333, 77.2179,
75.2975

■ 48.5248, 75.8588,
71.1583

■ 46.4918, 74.8961,
67.2087

■ 45.1244, 74.2731,
63.4417

■ 44.5800, 74.0351,
61.4881

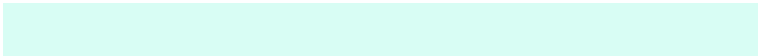
Harmonies

Analogous

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



80.7783, 91.3811, 89.0446



79.7733, 91.3811, 99.0218



80.6195, 91.3811, 109.8544

Triad

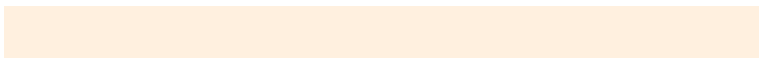
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7733, 91.3811, 99.0218



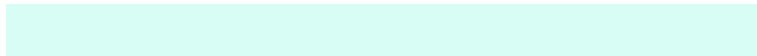
90.3995, 91.3811, 118.9469



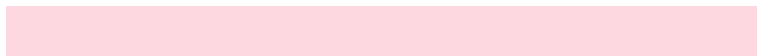
90.6963, 91.3811, 82.7161

Complementary

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



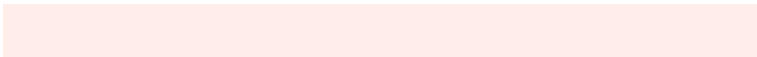
79.7733, 91.3811, 99.0218



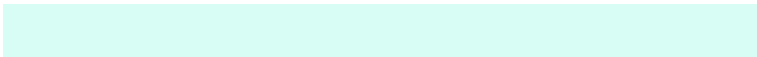
78.6577, 75.4330, 81.6525

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.



93.4040, 91.3811, 89.8148



79.7733, 91.3811, 99.0218



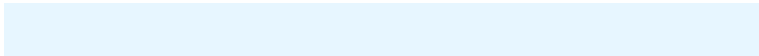
93.2291, 91.3811, 110.7401

Square

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



79.7733, 91.3811, 99.0218



86.6884, 91.3811, 121.8492



94.3439, 91.3811, 99.9767



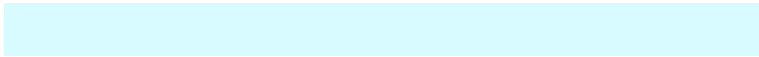
87.0218, 91.3811, 80.0631

Rectangle

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



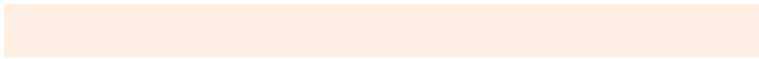
79.7733, 91.3811, 99.0218



82.1338, 91.3811, 116.0078



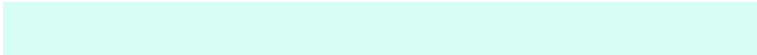
94.3439, 91.3811, 99.9767



91.7537, 91.3811, 84.6348

Sweetspot

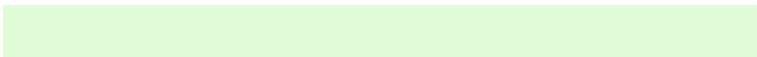
The Sweet Spot groups the original color and five complimentary colors.



79.7759, 91.3849, 99.0238



90.9994, 97.9577, 106.6381



78.6521, 91.2601, 78.4367



19.3194, 20.8872, 22.7348



0.0000, 0.0000, 0.0000



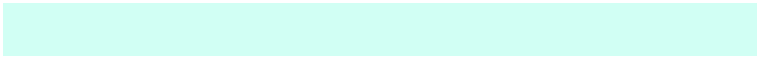
20.3446, 21.4041, 23.3091

Same Dimension

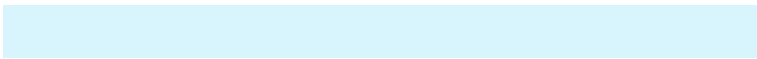
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.7759, 91.3849, 99.0238



78.3864, 91.6113, 99.0055



78.3269, 86.2452, 105.4516



18.3548, 20.4015, 22.1714



23.7743, 39.4063, 33.0265



2.3578, 3.8540, 3.4418

Inverse Universe

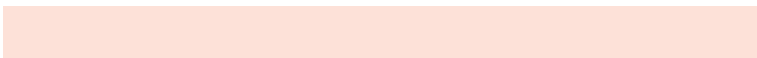
The Inverse Universe completely reimagines the original color for something new.



78.6577, 75.4330, 81.6525



77.0188, 72.0915, 77.7522



79.8985, 79.8289, 76.1646



18.1906, 18.0595, 19.6206



22.0525, 11.3103, 3.6611



2.1880, 1.1176, 0.5717

Previews

White Background



This preview shows how the XYZ color 79.7733, 91.3811, 99.0218 looks on a white background.

Color Contrast Check

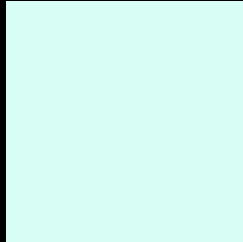
Large Text (above 18pt) WCAG AA × Fail

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 79.7733, 91.3811, 99.0218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

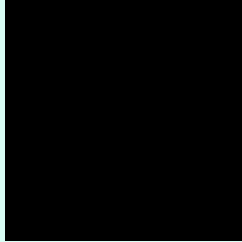
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

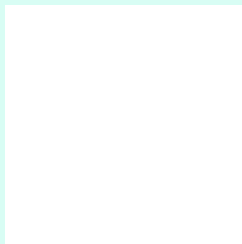
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.7733, 91.3811, 99.0218

Background



This preview shows how black text looks on a background with the XYZ color 79.7733, 91.3811, 99.0218.



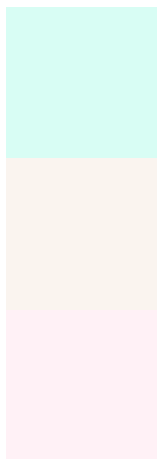
This preview shows how white text looks on a background with the XYZ color 79.7733, 91.3811,

99.0218.

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

79.7733, 91.3811, 99.0218

Protanopia

87.3550, 91.2574, 94.6717

Deuteranopia

89.3298, 90.8244, 100.0115



Tritanopia

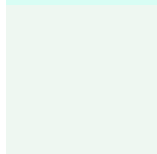
85.5717, 91.4037, 107.7403

Trichromacy



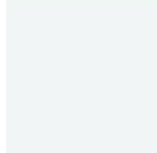
Original Color

79.7733, 91.3811, 99.0218



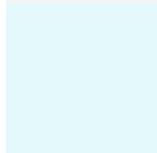
Protanomaly

84.3978, 91.0495, 96.3452



Deuteranomaly

85.4095, 90.5982, 99.3718



Tritanomaly

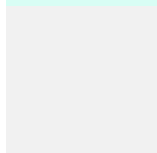
83.2832, 91.2104, 104.4827

Monochromacy



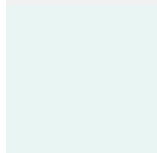
Original Color

79.7733, 91.3811, 99.0218



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9581, 88.8714, 96.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7733, 91.3811, 99.0218 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(216, 253, 244) looks like.

```
.text, #text, p{  
    color:rgb(216, 253, 244)  
}
```

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(216, 253, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 253, 244) }
```

Border

The CSS property to change the border of an element to XYZ 79.7733, 91.3811, 99.0218 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(216, 253, 244) }
```


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

```
.border{ border-color:rgb(216, 253, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 253, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 253, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 253, 244); box-shadow:4px 4px 4px 4px rgb(216, 253, 244) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7733, 91.3811, 99.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 253, 244) }
```

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

```
.background{ background-color: rgb(216,  
253, 244) }
```

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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