

Converting Colors

XYZ(71.9025, 81.9887, 98.2620)

Have a look what the booklet for
XYZ(71.9025, 81.9887, 98.2620)
contains.

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Color

**XYZ(71.7561, 81.7825,
98.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	C8F1F5
RGB	200, 241, 245
RGB Percent	78%, 95%, 96%
CMY	0.2157, 0.0549, 0.0392
CMYK	0.18, 0.02, 0.00, 0.04
HSL	185°, 69%, 87%
HSV	185°, 18%, 96%
XYZ	71.7561, 81.7825, 98.3899
YIQ	229.1970, -25.7200, -7.4480

Conversions

Conversions Part 2

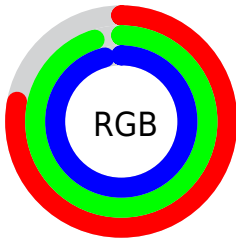
Format	Color
R_{YB}	200, 221, 245
Decimal	13169141
CIE Lab	92.48, -12.30, -6.32
CIE LCh	92, 13.833, 207.207
Yxy	81.7825, 0.2848, 0.3246
Android (android.graphics.Color)	4291359221 (0xFFC8F1F5)
YUV	229.1970, 7.7909, -25.6058
Hunter-Lab	90.4337, -16.6252, -1.2027

Details

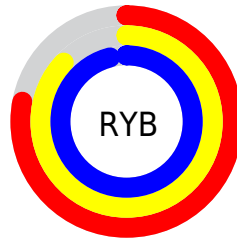
The XYZ color **71.7561, 81.7825, 98.3899** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.6750, 66.7683, 63.8603**, and the grayscale version is **74.5811, 78.4651, 85.4485**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.2113, 44.3918, 54.6986** is the 20% darker color. If you saturate the color by 10%, you get **65.0902, 77.3977, 97.8962**, and if you desaturate by 10%, it is **79.4829, 86.7300, 98.9389**.

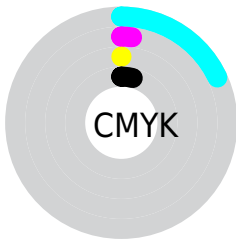
Distribution



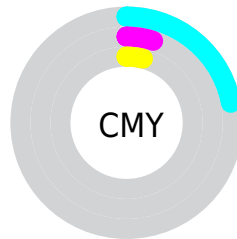
- Red (78%)
- Green (95%)
- Blue (96%)



- Red (78%)
- Yellow (87%)
- Blue (96%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (22%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7561, 81.7825, 98.3899 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 71.7561, 81.7825, 98.3899 by changing the saturation by 10% instead.

71.7561, 81.7825,
98.3899

71.7561, 81.7825,
98.3899

455.8630,
500.9199, 576.2206

53.2442, 61.1863,
74.3472

120.7224,
135.8690, 160.9753

38.2260, 44.3755,
54.5797

151.9075,
170.1280, 200.3551

26.3362, 30.9658,
38.6690

188.0477,
209.7100, 245.6843

17.2093, 20.5728,
26.1965

229.5084,
254.9995, 297.3814

10.4801, 12.8121,
16.7436

276.6549,
306.3809, 355.8651

5.7831, 7.2993,
9.8918

329.8527,

2.7530, 3.6500,

364.2384, 421.5538

5.2226

389.4669,
428.9566, 494.8662

■ 1.0245, 1.4798,
2.3175

■ 0.0000, 0.2744,
0.7410

■ 71.7561, 81.7825,
98.3899

■ 71.7561, 81.7825,
98.3899

■ 65.0902, 77.3977,
97.8962

■ 79.4829, 86.7300,
98.9389

■ 59.4283, 73.5397,
97.4499

■ 88.3101, 92.2540,
99.5399

■ 54.7188, 70.1840,
97.0504

■ 91.1457, 94.7008,
99.8627

■ 50.9027, 67.3002,
96.6949

■ 91.8170, 96.0433,
100.0865

■ 47.9144, 64.8544,
96.3804

■ 92.4961, 97.4015,
100.3129

■ 45.6792, 62.8080,
96.1032

■ 93.1830, 98.7753,
100.5418

■ 44.1089, 61.1157,
95.8593

■ 93.4817, 99.3727,
100.6414

■ 43.0791, 59.7131,
95.6428

■ 42.9338, 59.4969,
95.6088

Harmonies

Analogous

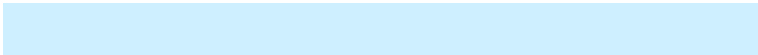
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.0426, 81.7825, 88.0880



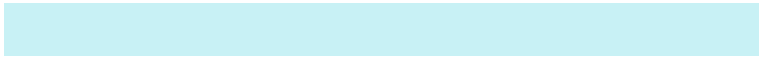
71.7561, 81.7825, 98.3899



74.0548, 81.7825, 106.7109

Triad

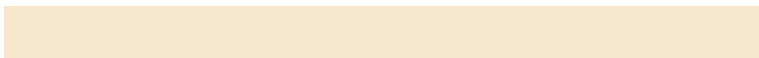
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7561, 81.7825, 98.3899



83.6768, 81.7825, 100.1828



78.0684, 81.7825, 70.7343

Complementary

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



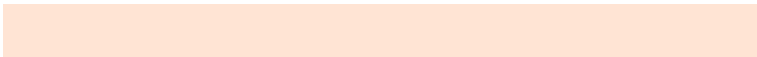
71.7561, 81.7825, 98.3899



69.6750, 66.7683, 63.8603

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.



81.5285, 81.7825, 73.4490



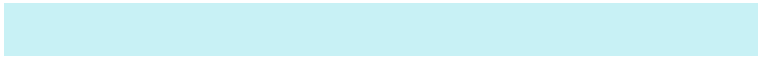
71.7561, 81.7825, 98.3899



84.8283, 81.7825, 90.0134

Square

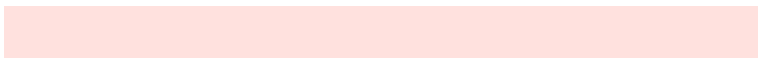
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7561, 81.7825, 98.3899



80.9290, 81.7825, 107.8008



84.0304, 81.7825, 80.3156



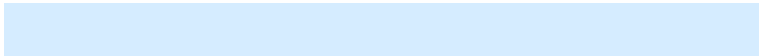
74.6200, 81.7825, 72.6055

Rectangle

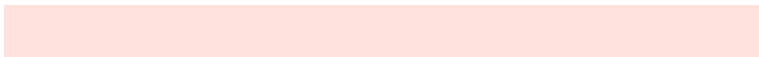
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



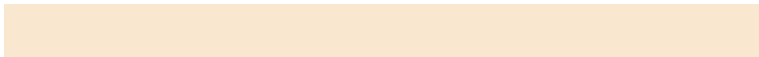
71.7561, 81.7825, 98.3899



76.2142, 81.7825, 109.7383



84.0304, 81.7825, 80.3156



79.2695, 81.7825, 71.1356

Sweetspot

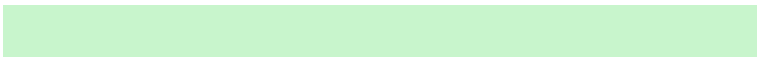
The Sweet Spot groups the original color and five complimentary colors.



71.7585, 81.7859, 98.3917



89.2114, 96.3488, 108.5030



67.3424, 81.9333, 69.2365



18.9646, 20.5406, 23.2151



0.0000, 0.0000, 0.0000



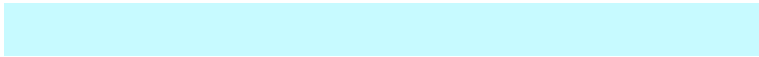
20.3446, 21.4041, 23.3091

Same Dimension

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



71.7585, 81.7859, 98.3917



75.7676, 87.7304, 107.5480



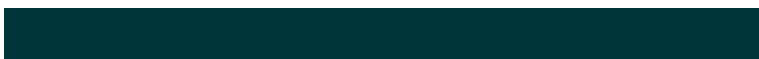
65.5686, 69.4061, 96.3285



16.8635, 18.4913, 21.2229



23.1818, 32.1574, 51.5232



2.0737, 2.8987, 4.5405

Inverse Universe

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



74.1895, 67.0736, 92.2592



78.8984, 68.9641, 99.6097



75.3473, 78.1129, 65.7511



17.1464, 16.7414, 20.5176



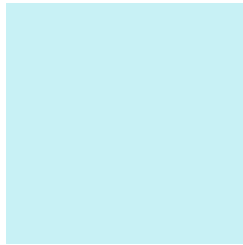
27.5056, 13.3457, 38.9665



2.4357, 1.1803, 3.5210

Previews

White Background



This preview shows how the XYZ color 71.7561, 81.7825, 98.3899 looks on a white background.

Color Contrast Check

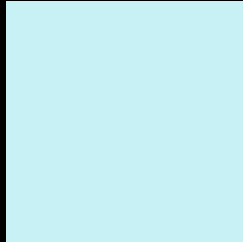
Large Text (above 18pt) WCAG AA × Fail

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 71.7561, 81.7825, 98.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

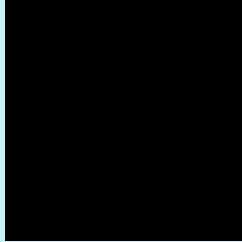
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7561, 81.7825, 98.3899

Background



This preview shows how black text looks on a background with the XYZ color 71.7561, 81.7825, 98.3899.

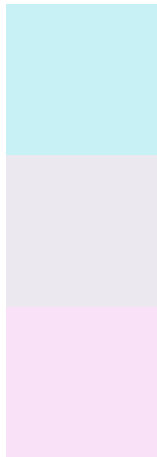


This preview shows how white text looks on a background with the XYZ color 71.7561, 81.7825,

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

71.7561, 81.7825, 98.3899

Protanopia

78.6976, 81.6074, 93.2653

Deuteranopia

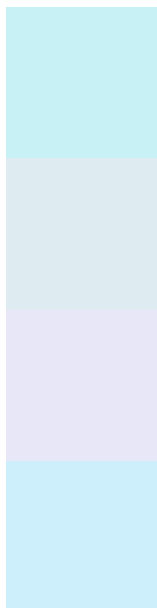
83.2066, 81.3098, 100.1158



Tritanopia

74.3567, 81.6345, 106.4458

Trichromacy



Original Color

71.7561, 81.7825, 98.3899

Protanomaly

75.7097, 81.2971, 94.9207

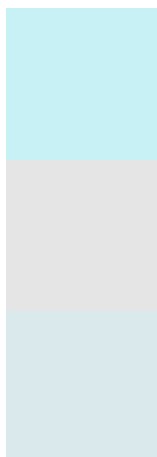
Deuteranomaly

78.3194, 80.8562, 99.4746

Tritanomaly

73.1809, 81.5354, 103.1476

Monochromacy



Original Color

71.7561, 81.7825, 98.3899

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.0478, 79.1814, 90.0308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7561, 81.7825, 98.3899 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(200, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 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(200, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 71.7561, 81.7825, 98.3899 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(200, 241, 245) }
```


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

```
.border{ border-color:rgb(200, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7561, 81.7825, 98.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 241, 245) }
```

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

```
.background{ background-color: rgb(200,  
241, 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](#).

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