

Converting Colors

XYZ(66.7471, 79.0602, 78.6539)

Have a look what the booklet for
XYZ(66.7471, 79.0602, 78.6539)
contains.

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Color

**XYZ(66.9722, 79.3050,
78.7954)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F0DB
RGB	197, 240, 219
RGB Percent	77%, 94%, 86%
CMY	0.2274, 0.0588, 0.1412
CMYK	0.18, 0.00, 0.09, 0.06
HSL	151°, 59%, 86%
HSV	151°, 18%, 94%
XYZ	66.9722, 79.3050, 78.7954
YIQ	224.7490, -18.8870, -15.6470

Conversions

Conversions Part 2

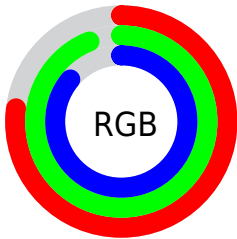
Format	Color
RYB	197, 225, 240
Decimal	12972251
CIELab	91.37, -17.88, 5.56
CIELCh	91, 18.729, 162.718
Yxy	79.3050, 0.2976, 0.3524
Android (android.graphics.Color)	4291162331 (0xFFC5F0DB)
YUV	224.7490, -2.8343, -24.3359
Hunter-Lab	89.0534, -21.6032, 9.8769

Details

The XYZ color **66.9722, 79.3050, 78.7954** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.5591, 63.5216, 74.9806**, and the grayscale version is **71.4190, 75.1384, 81.8257**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **35.1690, 42.8010, 41.5298** is the 20% darker color. If you saturate the color by 10%, you get **59.6922, 75.7263, 70.6814**, and if you desaturate by 10%, it is **75.3659, 83.4496, 87.5322**.

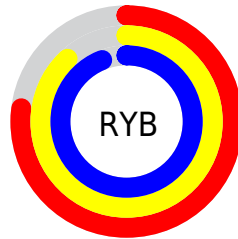
Distribution



Red (77%)

Green (94%)

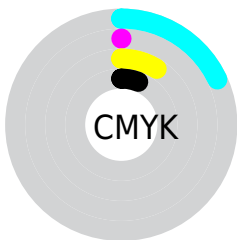
Blue (86%)



Red (77%)

Yellow (88%)

Blue (94%)

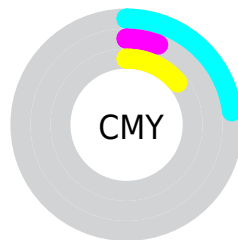


Cyan (18%)

Magenta (0%)

Yellow (9%)

Black (6%)



Cyan (23%)

Magenta (6%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9722, 79.3050, 78.7954 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 66.9722, 79.3050, 78.7954 by changing the saturation by 10% instead.

66.9722, 79.3050,
78.7954

66.9722, 79.3050,
78.7954

439.2798,
492.5875, 510.4632

49.3326, 59.1466,
58.2073

113.9306,
132.3882, 133.4668

35.0991, 42.7312,
41.5595

143.9801,
166.0817, 168.3872

23.9061, 29.6742,
28.4335

178.8971,
205.0558, 208.9221

15.3883, 19.5915,
18.4108

219.0467,
249.6947, 255.4901

9.1804, 12.0984,
11.0729

264.7945,
300.3830, 308.5097

4.9171, 6.8107,
6.0011

316.5057,

2.2330, 3.3440,

357.5050, 368.3993

2.7769

374.5457,
421.4450, 435.5777

■ 0.7600, 1.3139,
0.9819

■ 0.0000, 0.1519,
0.0000

■ 66.9722, 79.3050,
78.7954

■ 66.9722, 79.3050,
78.7954

■ 59.6922, 75.7263,
70.6814

■ 75.3659, 83.4496,
87.5322

■ 53.4696, 72.6782,
63.1710

■ 84.9128, 88.1738,
96.8999

■ 48.2536, 70.1370,
56.2516

■ 90.3179, 90.7498,
106.6633

■ 43.9857, 68.0728,
49.9079

■ 90.4516, 90.8032,
107.3672

■ 40.6015, 66.4527,
44.1242

■ 38.0282, 65.2394,
38.8836

■ 36.1798, 64.3890,
34.1684

■ 34.9402, 63.8419,
29.9586

■ 34.7232, 63.7479,
29.1425

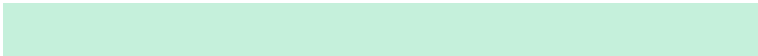
Harmonies

Analogous

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



69.3378, 79.3050, 68.4900



66.9722, 79.3050, 78.7954



66.7980, 79.3050, 92.2490

Triad

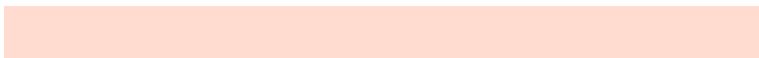
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.9722, 79.3050, 78.7954



77.4097, 79.3050, 114.5213



82.3024, 79.3050, 69.7624

Complementary

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



66.9722, 79.3050, 78.7954



68.5591, 63.5216, 74.9806

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.



84.6608, 79.3050, 80.7074



66.9722, 79.3050, 78.7954



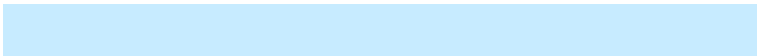
81.7572, 79.3050, 107.0719

Square

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



66.9722, 79.3050, 78.7954



72.6910, 79.3050, 113.8704



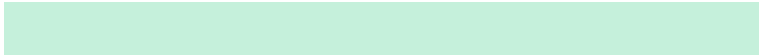
84.4572, 79.3050, 94.3720



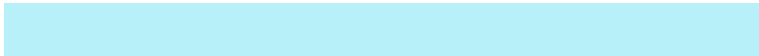
78.1285, 79.3050, 63.6640

Rectangle

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



66.9722, 79.3050, 78.7954



67.9368, 79.3050, 101.3043



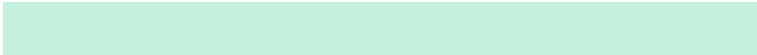
84.4572, 79.3050, 94.3720



83.3415, 79.3050, 72.9444

Sweetspot

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



66.9744, 79.3083, 78.7972



89.5273, 97.2669, 103.4926



70.3041, 81.3377, 64.8186



19.0022, 20.7398, 21.9922



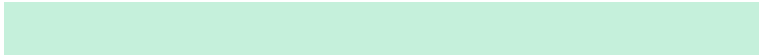
0.0000, 0.0000, 0.0000



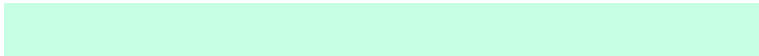
20.3446, 21.4041, 23.3091

Same Dimension

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



66.9744, 79.3083, 78.7972



73.2348, 89.2277, 86.4709



69.9169, 80.4853, 94.2923



15.9034, 17.7914, 18.5144



19.0747, 34.9219, 16.3079



1.6371, 2.9253, 1.6214

Inverse Universe

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



68.5591, 63.5216, 74.9806



75.4091, 67.5683, 81.2349



65.9818, 62.4907, 61.4086



16.0945, 15.8875, 18.0541



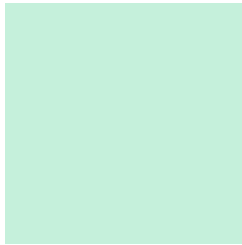
21.5030, 10.8736, 10.5654



1.8390, 0.9246, 1.1429

Previews

White Background



This preview shows how the XYZ color 66.9722, 79.3050, 78.7954 looks on a white background.

Color Contrast Check

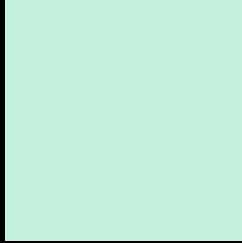
Large Text (above 18pt) WCAG AA × Fail

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 66.9722, 79.3050, 78.7954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

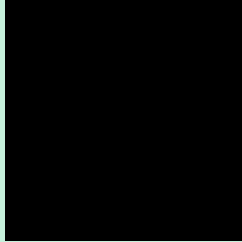
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

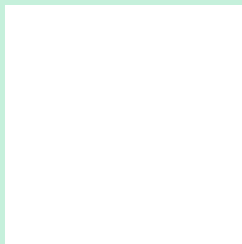
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.9722, 79.3050, 78.7954

Background



This preview shows how black text looks on a background with the XYZ color 66.9722, 79.3050, 78.7954.



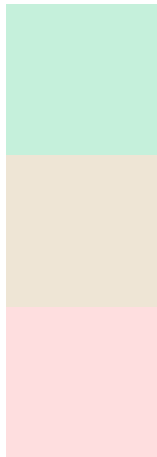
This preview shows how white text looks on a background with the XYZ color 66.9722, 79.3050,

78.7954.

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

66.9722, 79.3050, 78.7954

Protanopia

75.2894, 79.0199, 74.2350

Deuteranopia

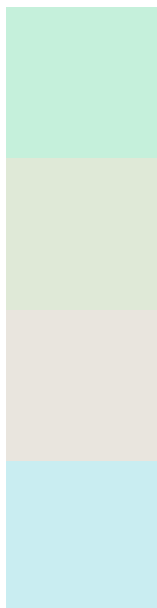
80.3136, 78.6411, 80.7583



Tritanopia

72.2263, 79.2689, 105.2596

Trichromacy



Original Color

66.9722, 79.3050, 78.7954

Protanomaly

71.8361, 78.8721, 75.7276

Deuteranomaly

74.8084, 78.6362, 80.3427

Tritanomaly

70.2488, 79.3368, 94.8301

Monochromacy



Original Color

66.9722, 79.3050, 78.7954

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

69.6404, 76.3684, 80.8822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9722, 79.3050, 78.7954 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(197, 240, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 240, 219)  
}
```

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(197, 240, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 240, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.9722, 79.3050, 78.7954 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(197, 240, 219) }
```


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

```
.border{ border-color:rgb(197, 240, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 240, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 240, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 240, 219);  
box-shadow:4px 4px 4px 4px rgb(197, 240,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9722, 79.3050, 78.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 240, 219) }
```

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

```
.background{ background-color: rgb(197,  
240, 219) }
```

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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