

Converting Colors

XYZ(64.9740, 75.6959, 78.2041)

Have a look what the booklet for
XYZ(64.9740, 75.6959, 78.2041)
contains.

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Color

**XYZ(64.9740, 75.6959,
78.2041)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EADB
RGB	196, 234, 219
RGB Percent	77%, 92%, 86%
CMY	0.2314, 0.0823, 0.1412
CMYK	0.16, 0.00, 0.06, 0.08
HSL	156°, 48%, 84%
HSV	156°, 16%, 92%
XYZ	64.9740, 75.6959, 78.2041
YIQ	220.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

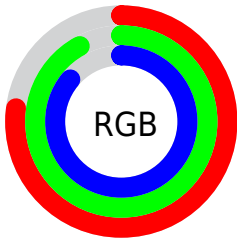
Format	Color
RYB	196, 220, 234
Decimal	12905179
CIELab	89.72, -15.22, 3.16
CIELCh	90, 15.549, 168.265
Yxy	75.6959, 0.2969, 0.3458
Android (android.graphics.Color)	4291095259 (0xFFC4EADB)
YUV	220.9280, -0.9505, -21.8619
Hunter-Lab	87.0034, -18.9524, 7.6088

Details

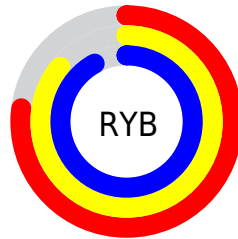
The XYZ color **64.9740, 75.6959, 78.2041** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4322, 61.6775, 70.0878**, and the grayscale version is **68.6939, 72.2714, 78.7035**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **33.7766, 40.2719, 41.1150** is the 20% darker color. If you saturate the color by 10%, you get **58.1732, 72.3287, 71.7131**, and if you desaturate by 10%, it is **72.7959, 79.5858, 85.0985**.

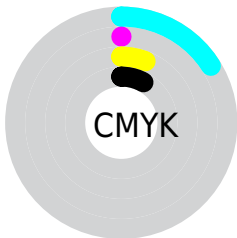
Distribution



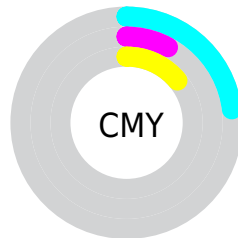
- Red (77%)
- Green (92%)
- Blue (86%)



- Red (77%)
- Yellow (86%)
- Blue (92%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (8%)



- Cyan (23%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9740, 75.6959, 78.2041 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 64.9740, 75.6959, 78.2041 by changing the saturation by 10% instead.

64.9740, 75.6959,
78.2041

64.9740, 75.6959,
78.2041

432.2452,
480.3061, 508.4060

47.7046, 56.1832,
57.7242

111.0784,
127.2970, 132.6263

33.8033, 40.3498,
41.1737

140.6441,
160.1541, 167.4057

22.9047, 27.8114,
28.1341

175.0393,
198.2281, 207.7886

14.6435, 18.1835,
18.1869

214.6294,
241.9035, 254.1937

8.6542, 11.0818,
10.9134

259.7797,
291.5646, 307.0394

4.5716, 6.1219,
5.8952

310.8555,

2.0303, 2.9193,

347.5958, 366.7444

2.7137

368.2222,
410.3815, 433.7270

■ 0.6509, 1.0898,
0.9503

■ 0.0000, 0.0000,
0.0000

■ 64.9740, 75.6959,
78.2041

■ 64.9740, 75.6959,
78.2041

■ 58.1732, 72.3287,
71.7131

■ 72.7959, 79.5858,
85.0985

■ 52.3422, 69.4517,
65.6126

■ 81.6745, 84.0106,
92.3987

■ 47.4346, 67.0432,
59.8963

■ 87.4090, 86.8064,
99.9150

■ 43.3977, 65.0761,
54.5558

■ 88.7142, 87.3285,
106.7881

■ 40.1731, 63.5205,
49.5822

■ 37.6950, 62.3426,
44.9661

■ 35.8866, 61.5029,
40.6974

■ 34.6525, 60.9525,
36.7651

■ 34.2783, 60.7901,
35.3695

Harmonies

Analogous

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



66.5896, 75.6959, 69.1613



64.9740, 75.6959, 78.2041



65.1771, 75.6959, 89.2089

Triad

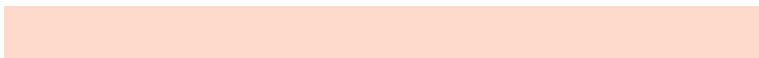
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.9740, 75.6959, 78.2041



74.2797, 75.6959, 104.1160



76.9616, 75.6959, 67.6609

Complementary

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



64.9740, 75.6959, 78.2041



65.4322, 61.6775, 70.0878

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.



79.1695, 75.6959, 75.9845



64.9740, 75.6959, 78.2041



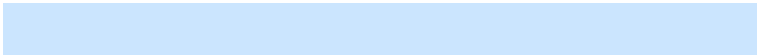
77.5837, 75.6959, 97.2733

Square

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



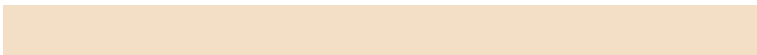
64.9740, 75.6959, 78.2041



70.4592, 75.6959, 104.8443



79.4012, 75.6959, 86.7847



73.4550, 75.6959, 63.4453

Rectangle

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



64.9740, 75.6959, 78.2041



66.3177, 75.6959, 96.1847



79.4012, 75.6959, 86.7847



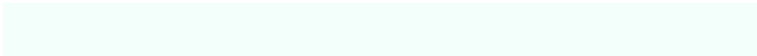
77.8855, 75.6959, 70.0354

Sweetspot

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



64.9761, 75.6991, 78.2058



89.7139, 97.3415, 104.4752



66.3105, 76.7130, 63.5379



19.0476, 20.7580, 22.2310



0.0000, 0.0000, 0.0000



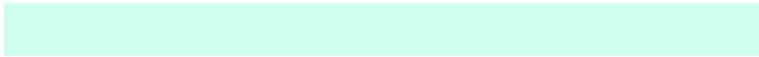
20.3446, 21.4041, 23.3091

Same Dimension

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



64.9761, 75.6991, 78.2058



76.4883, 90.7694, 92.7485



65.9713, 74.3845, 88.7262



15.2512, 17.0153, 18.0057



19.3253, 34.1846, 20.2099



1.5646, 2.7032, 1.8351

Inverse Universe

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



65.4322, 61.6775, 70.0878



77.1272, 71.1412, 81.3864



64.5059, 62.6959, 60.9275



15.3118, 15.1526, 16.9270



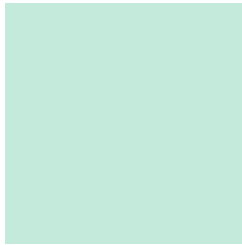
20.2205, 10.2909, 6.9624



1.6339, 0.8265, 0.7898

Previews

White Background



This preview shows how the XYZ color 64.9740, 75.6959, 78.2041 looks on a white background.

Color Contrast Check

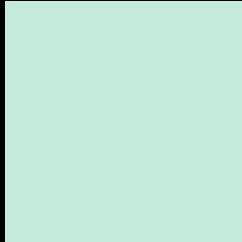
Large Text (above 18pt) WCAG AA × Fail

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 64.9740, 75.6959, 78.2041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

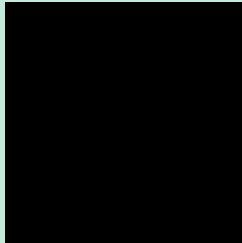
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

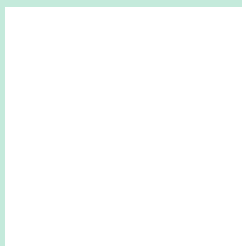
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9740, 75.6959, 78.2041

Background



This preview shows how black text looks on a background with the XYZ color 64.9740, 75.6959, 78.2041.

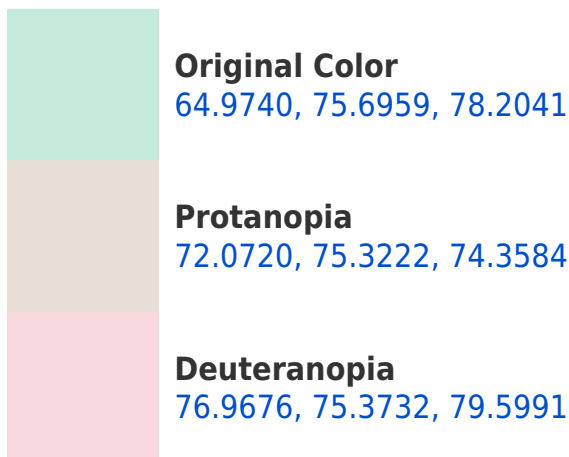


This preview shows how white text looks on a background with the XYZ color 64.9740, 75.6959,

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

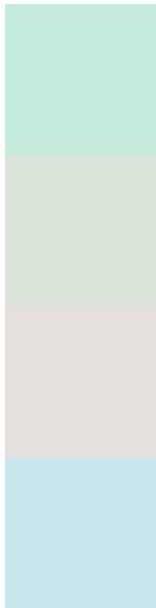




Tritanopia

69.3275, 75.7884, 99.7816

Trichromacy



Original Color

64.9740, 75.6959, 78.2041

Protanomaly

69.3515, 75.5047, 75.8844

Deuteranomaly

72.0199, 75.1898, 79.1238

Tritanomaly

67.4152, 75.4084, 91.1229

Monochromacy



Original Color

64.9740, 75.6959, 78.2041

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.2660, 73.5571, 78.3628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9740, 75.6959, 78.2041 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(196, 234, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 234, 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(196, 234, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 234, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.9740, 75.6959, 78.2041 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(196, 234, 219) }
```


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

```
.border{ border-color:rgb(196, 234, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 234, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 234, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 234, 219);  
box-shadow:4px 4px 4px 4px rgb(196, 234,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9740, 75.6959, 78.2041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 234, 219) }
```

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

```
.background{ background-color: rgb(196,  
234, 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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