

Converting Colors

XYZ(57.1843, 64.9986, 69.2066)

Have a look what the booklet for
XYZ(57.1843, 64.9986, 69.2066)
contains.

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Color

**XYZ(57.1843, 64.9986,
69.2066)**

Conversions

Conversions Part 1

Format	Color
Hex	BDD9D0
RGB	189, 217, 208
RGB Percent	74%, 85%, 82%
CMY	0.2588, 0.1490, 0.1843
CMYK	0.13, 0.00, 0.04, 0.15
HSL	161°, 27%, 80%
HSV	161°, 13%, 85%
XYZ	57.1843, 64.9986, 69.2066
YIQ	207.6020, -13.7990, -8.7350

Conversions

Conversions Part 2

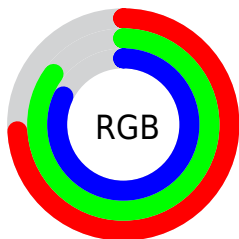
Format	Color
R _{YB}	189, 206, 217
Decimal	12442064
CIE Lab	84.48, -11.02, 1.29
CIE LCh	84, 11.091, 173.335
Yxy	64.9986, 0.2988, 0.3396
Android (android.graphics.Color)	4290632144 (0xFFBDD9D0)
YUV	207.6020, 0.1962, -16.3140
Hunter-Lab	80.6217, -14.4794, 5.5400

Details

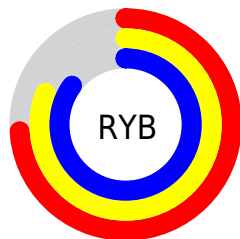
The XYZ color **57.1843, 64.9986, 69.2066** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0082, 55.2258, 61.0840**, and the grayscale version is **59.7033, 62.8125, 68.4028**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.7447, 33.3247, 35.4891** is the 20% darker color. If you saturate the color by 10%, you get **51.3597, 62.0947, 64.5522**, and if you desaturate by 10%, it is **63.8558, 68.3383, 74.1005**.

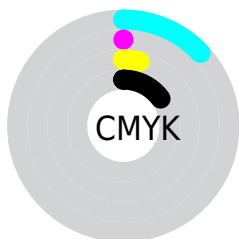
Distribution



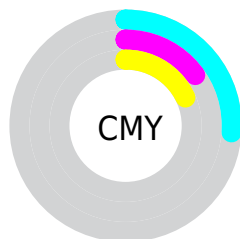
- Red (74%)
- Green (85%)
- Blue (82%)



- Red (74%)
- Yellow (81%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (26%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1843, 64.9986, 69.2066 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 57.1843, 64.9986, 69.2066 by changing the saturation by 10% instead.

■ 57.1843, 64.9986,
69.2066

■ 57.1843, 64.9986,
69.2066

404.1426,
442.7869, 476.4730

■ 41.3939, 47.4599,
50.4072

■ 99.8639, 112.0478,
119.7471

■ 28.8161, 33.3994,
35.3636

127.4838,
142.3272, 152.3252

■ 19.0853, 22.4326,
23.6573

159.7776,
177.6223, 190.3334

■ 11.8363, 14.1751,
14.8698

197.1107,
218.3175, 234.1901

■ 6.7037, 8.2426,
8.5824

239.8483,
264.7971, 284.3138

■ 3.3222, 4.2505,
4.3768

288.3560,

■ 1.3263, 1.8147,

317.4457, 341.1232

1.8342

342.9989,
376.6475, 405.0367

■ 0.2028, 0.4963,
0.4504

■ 0.0000, 0.0000,
0.0000

■ 57.1843, 64.9986,
69.2066

■ 57.1843, 64.9986,
69.2066

■ 51.3597, 62.0947,
64.5522

■ 63.8558, 68.3383,
74.1005

■ 46.3403, 59.5998,
60.1287


■ 71.4025, 72.1229,
79.2336


■ 42.0891, 57.4967,
55.9333


■ 79.8583, 76.3718,
84.6112


■ 38.5641, 55.7638,
51.9614


■ 81.1811, 76.9390,
89.8595


 35.7189, 54.3771,
48.2081

 82.2145, 77.3523,
95.3008


 33.5017, 53.3102,
44.6683

 83.2878, 77.7816,
100.9531

 31.8528, 52.5322,
41.3365

 84.1041, 78.1081,
105.2514

 30.7005, 52.0062,
38.2063

 30.0991, 51.7422,
36.1021

Harmonies

Analogous

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



58.0500, 64.9986, 62.9626



57.1843, 64.9986, 69.2066



57.5232, 64.9986, 76.2939

Triad

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



57.1843, 64.9986, 69.2066



63.6782, 64.9986, 84.0004



64.6567, 64.9986, 60.4202

Complementary

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



57.1843, 64.9986, 69.2066



57.0082, 55.2258, 61.0840

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.



66.2402, 64.9986, 65.5240



57.1843, 64.9986, 69.2066



65.6648, 64.9986, 79.2028

Square

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



57.1843, 64.9986, 69.2066



61.2300, 64.9986, 85.1489



66.6139, 64.9986, 72.3617



62.3317, 64.9986, 58.1127

Rectangle

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



57.1843, 64.9986, 69.2066



58.3912, 64.9986, 80.5158



66.6139, 64.9986, 72.3617



65.2958, 64.9986, 61.8487

Sweetspot

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



57.1861, 65.0013, 69.2080



90.8729, 97.9071, 105.9720



57.3770, 65.3538, 57.7356



19.2873, 20.8744, 22.5659



0.0000, 0.0000, 0.0000



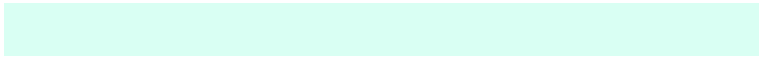
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1861, 65.0013, 69.2080



80.4338, 92.6865, 98.2096



57.1397, 63.0850, 74.8139



13.2575, 14.7546, 15.8189



18.2697, 31.3405, 22.1174



1.2223, 2.0459, 1.6367

Inverse Universe

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



57.0082, 55.2258, 61.0840



80.1380, 76.4167, 84.6897



57.0204, 56.8630, 56.1155



13.2277, 13.1202, 14.4604



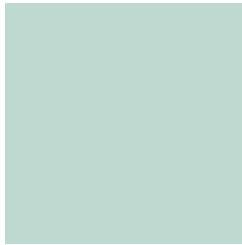
18.0299, 9.2130, 4.5373



1.2067, 0.6123, 0.4975

Previews

White Background



This preview shows how the XYZ color 57.1843, 64.9986, 69.2066 looks on a white background.

Color Contrast Check

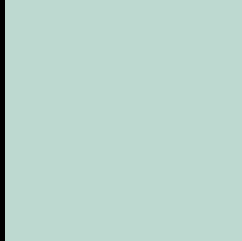
Large Text (above 18pt) WCAG AA × Fail

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 57.1843, 64.9986, 69.2066 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

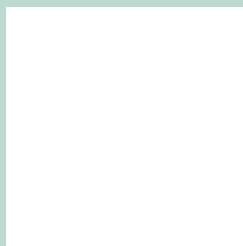
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1843, 64.9986, 69.2066

Background



This preview shows how black text looks on a background with the XYZ color 57.1843, 64.9986, 69.2066.

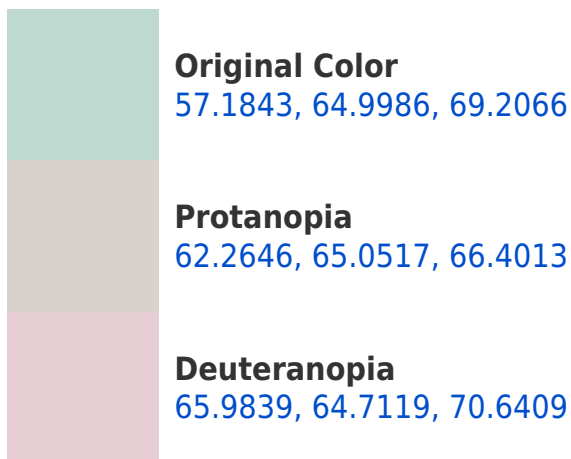


This preview shows how white text looks on a background with the XYZ color 57.1843, 64.9986,

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

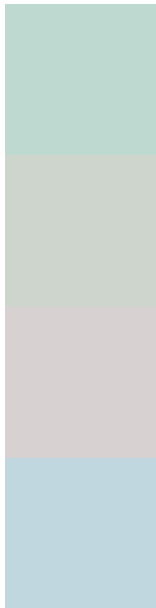




Tritanopia

60.4627, 65.2001, 84.9995

Trichromacy



Original Color

57.1843, 64.9986, 69.2066

Protanomaly

60.2673, 65.1181, 67.1502

Deuteranomaly

62.4577, 64.7011, 70.1695

Tritanomaly

59.3579, 65.1351, 79.2559

Monochromacy



Original Color

57.1843, 64.9986, 69.2066

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7668, 63.5601, 68.8455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1843, 64.9986, 69.2066 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(189, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 217, 208)  
}
```

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(189, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 217, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.1843, 64.9986, 69.2066 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(189, 217, 208) }
```


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

```
.border{ border-color:rgb(189, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 217, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 217, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 217,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1843, 64.9986, 69.2066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 217, 208) }
```

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

```
.background{ background-color: rgb(189,  
217, 208) }
```

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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