

Converting Colors

XYZ(57.6840, 64.9153, 69.1873)

Have a look what the booklet for
XYZ(57.6840, 64.9153, 69.1873)
contains.

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Color

**XYZ(57.6793, 64.8723,
69.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8D0
RGB	192, 216, 208
RGB Percent	75%, 85%, 82%
CMY	0.2471, 0.1529, 0.1843
CMYK	0.11, 0.00, 0.04, 0.15
HSL	160°, 24%, 80%
HSV	160°, 11%, 85%
XYZ	57.6793, 64.8723, 69.1561
YIQ	207.9120, -11.7360, -7.5760

Conversions

Conversions Part 2

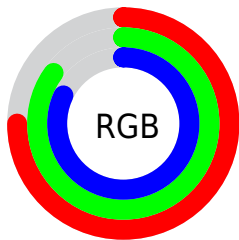
Format	Color
RYB	192, 206, 216
Decimal	12638416
CIELab	84.42, -9.52, 1.22
CIElCh	84, 9.598, 172.717
Yxy	64.8723, 0.3009, 0.3384
Android (android.graphics.Color)	4290828496 (0xFFC0D8D0)
YUV	207.9120, 0.0434, -13.9548
Hunter-Lab	80.5433, -13.1221, 5.4728

Details

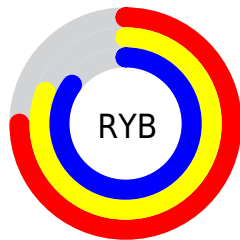
The XYZ color **57.6793, 64.8723, 69.1561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5963, 56.4701, 62.5108**, and the grayscale version is **59.9039, 63.0236, 68.6327**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.0588, 33.2261, 35.4536** is the 20% darker color. If you saturate the color by 10%, you get **51.7406, 61.9126, 64.3580**, and if you desaturate by 10%, it is **64.4646, 68.2673, 74.2066**.

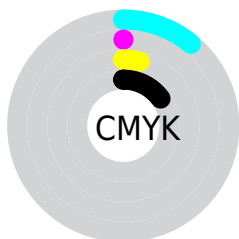
Distribution



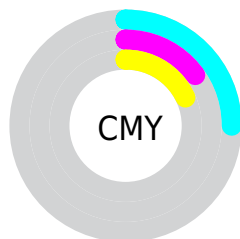
- Red (75%)
- Green (85%)
- Blue (82%)



- Red (75%)
- Yellow (81%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6793, 64.8723, 69.1561 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 57.6793, 64.8723, 69.1561 by changing the saturation by 10% instead.

■ 57.6793, 64.8723,
69.1561

■ 57.6793, 64.8723,
69.1561

405.9630,
442.3329, 476.2902

■ 41.7931, 47.3575,
50.3663

■ 100.5814,
111.8662, 119.6743

■ 29.1297, 33.3184,
35.3313

128.3280,
142.1142, 152.2398

■ 19.3238, 22.3705,
23.6326

160.7587,
177.3754, 190.2343

■ 12.0099, 14.1294,
14.8516

198.2391,
218.0341, 234.0762

■ 6.8226, 8.2107,
8.5699

241.1343,
264.4749, 284.1843

■ 3.3968, 4.2301,
4.3687

289.8098,

■ 1.3669, 1.8031,

317.0820, 340.9769

1.8297

344.6309,
376.2399, 404.8727

■ 0.2325, 0.4891,
0.4475

■ 0.0000, 0.0000,
0.0000

■ 57.6793, 64.8723,
69.1561

■ 57.6793, 64.8723,
69.1561

■ 51.7406, 61.9126,
64.3580

■ 64.4646, 68.2673,
74.2066

■ 46.6076, 59.3620,
59.8036

■ 72.1243, 72.1066,
79.5094

■ 42.2444, 57.2036,
55.4898

■ 80.0250, 76.0654,
85.0390

■ 38.6097, 55.4164,
51.4117

■ 81.0554, 76.4775,
90.4650

■ 35.6587, 53.9772,
47.5643

■ 82.1281, 76.9066,
96.1136

■ 33.3411, 52.8602,
43.9423

■ 83.2435, 77.3528,
101.9873

■ 31.5995, 52.0359,
40.5399

■ 83.8471, 77.5942,
105.1657

■ 30.3656, 51.4690,
37.3508

■ 29.5899, 51.1273,
34.6878

Harmonies

Analogous

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



58.4528, 64.8723, 63.7552



57.6793, 64.8723, 69.1561



57.9524, 64.8723, 75.2692

Triad

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



57.6793, 64.8723, 69.1561



63.2568, 64.8723, 82.0344



64.1774, 64.8723, 61.6944

Complementary

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



57.6793, 64.8723, 69.1561



57.5963, 56.4701, 62.5108

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.



65.5207, 64.8723, 66.1948



57.6793, 64.8723, 69.1561



64.9807, 64.8723, 77.9925

Square

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



57.6793, 64.8723, 69.1561



61.1406, 64.8723, 82.9399



65.8180, 64.8723, 72.1346



62.1806, 64.8723, 59.6114

Rectangle

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



57.6793, 64.8723, 69.1561



58.6943, 64.8723, 78.9074



65.8180, 64.8723, 72.1346



64.7222, 64.8723, 62.9618

Sweetspot

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



57.6811, 64.8750, 69.1575



91.8833, 98.4146, 106.6224



57.9989, 65.2549, 59.4088



19.4899, 20.9762, 22.6925



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.



57.6811, 64.8750, 69.1575



82.1594, 93.5543, 99.2733



57.7787, 63.4542, 74.1716



12.6080, 14.0342, 15.0160



17.5653, 30.2815, 20.8042



1.0971, 1.8415, 1.4533

Inverse Universe

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



57.5963, 56.4701, 62.5108



82.0156, 79.3006, 88.0021



57.4853, 57.7062, 57.9788



12.5923, 12.4884, 13.7935



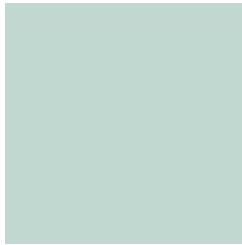
17.4996, 8.9362, 4.6689



1.0934, 0.5541, 0.4811

Previews

White Background



This preview shows how the XYZ color 57.6793, 64.8723, 69.1561 looks on a white background.

Color Contrast Check

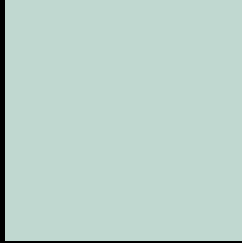
Large Text (above 18pt) WCAG AA × Fail

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 57.6793, 64.8723, 69.1561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

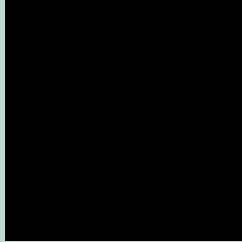
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

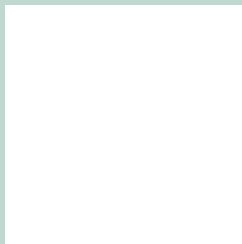
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6793, 64.8723, 69.1561

Background



This preview shows how black text looks on a background with the XYZ color 57.6793, 64.8723, 69.1561.

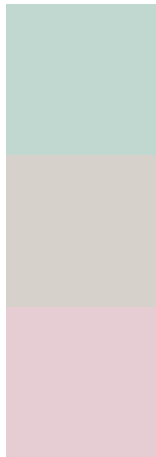


This preview shows how white text looks on a background with the XYZ color 57.6793, 64.8723,

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

57.6793, 64.8723, 69.1561

Protanopia

61.7239, 64.4076, 66.3055

Deuteranopia

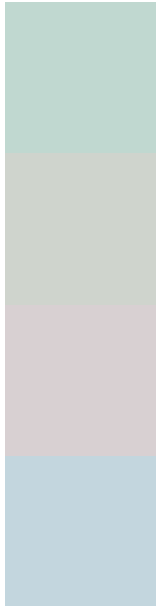
65.9839, 64.7119, 70.6409



Tritanopia

60.8421, 65.0374, 84.2097

Trichromacy



Original Color

57.6793, 64.8723, 69.1561

Protanomaly

60.2951, 64.7601, 67.0797

Deuteranomaly

62.5076, 64.3638, 70.1017

Tritanomaly

59.7371, 64.9692, 78.4991

Monochromacy



Original Color

57.6793, 64.8723, 69.1561

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0366, 63.6992, 68.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6793, 64.8723, 69.1561 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(192, 216, 208)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 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(192, 216, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.6793, 64.8723, 69.1561 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(192, 216, 208) }
```


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

```
.border{ border-color:rgb(192, 216, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 216, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6793, 64.8723, 69.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 208) }
```

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

```
.background{ background-color: rgb(192,  
216, 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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