

Converting Colors

XYZ(57.3227, 66.1715, 62.6638)

Have a look what the booklet for
XYZ(57.3227, 66.1715, 62.6638)
contains.

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Color

**XYZ(57.1478, 65.9007,
62.5314)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DBC5
RGB	192, 219, 197
RGB Percent	75%, 86%, 77%
CMY	0.2471, 0.1412, 0.2274
CMYK	0.12, 0.00, 0.10, 0.14
HSL	131°, 27%, 81%
HSV	131°, 12%, 86%
XYZ	57.1478, 65.9007, 62.5314
YIQ	208.4190, -9.0300, -12.5660

Conversions

Conversions Part 2

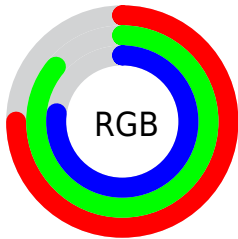
Format	Color
RYB	192, 215, 219
Decimal	12639173
CIELab	84.95, -13.10, 7.80
CIELCh	85, 15.247, 149.224
Yxy	65.9007, 0.3079, 0.3551
Android (android.graphics.Color)	4290829253 (0xFFC0DBC5)
YUV	208.4190, -5.6296, -14.3995
Hunter-Lab	81.1792, -16.4049, 11.1551

Details

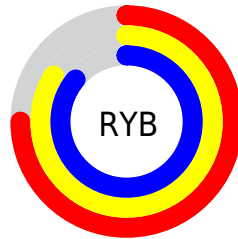
The XYZ color **57.1478, 65.9007, 62.5314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.2030, 57.6160, 71.5694**, and the grayscale version is **60.2673, 63.4059, 69.0490**.

A 20% lighter version of the original color is **92.7163, 98.8155, 107.9526**, and **28.7146, 33.9374, 31.0237** is the 20% darker color. If you saturate the color by 10%, you get **50.0847, 62.4839, 52.1517**, and if you desaturate by 10%, it is **65.2818, 69.8454, 74.2277**.

Distribution



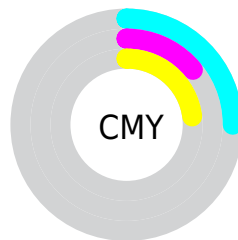
- Red (75%)
- Green (86%)
- Blue (77%)



- Red (75%)
- Yellow (84%)
- Blue (86%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1478, 65.9007, 62.5314 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 57.1478, 65.9007, 62.5314 by changing the saturation by 10% instead.

■ 57.1478, 65.9007,
62.5314

■ 57.1478, 65.9007,
62.5314

404.0081,
446.0217, 451.9279

■ 41.3645, 48.1918,
45.0237

■ 99.8109, 113.3438,
110.0722

■ 28.7929, 33.9788,
31.1330

127.4215,
143.8468, 140.9424

■ 19.0677, 22.8773,
20.4408

159.7052,
179.3833, 177.1038

■ 11.8235, 14.5029,
12.5286

197.0274,
220.3376, 218.9749

■ 6.6950, 8.4713,
6.9779

239.7534,
267.0942, 266.9743

■ 3.3167, 4.3980,
3.3700

288.2486,

■ 1.3234, 1.8986,

320.0375, 321.5206

1.2865

342.8784,
379.5519, 383.0323

■ 0.2006, 0.5475,
0.0507

■ 0.0000, 0.0000,
0.0000

■ 57.1478, 65.9007,
62.5314

■ 57.1478, 65.9007,
62.5314

■ 50.0847, 62.4839,
52.1517

■ 65.2818, 69.8454,
74.2277

■ 44.0423, 59.5644,
43.0381

■ 74.5233, 74.3302,
87.2798

■ 38.9746, 57.1213,
35.1434

■ 83.9125, 78.8614,
101.6840

■ 34.8296, 55.1292,
28.4159

■ 84.6228, 79.1455,
105.4243

■ 31.5508, 53.5598,
22.8000

■ 29.0751, 52.3819,
18.2356

■ 27.3306, 51.5600,
14.6570

■ 26.2318, 51.0515,
11.9910

■ 25.7252, 50.8225,
10.5110

Harmonies

Analogous

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



59.4765, 65.9007, 56.5230



57.1478, 65.9007, 62.5314



56.2805, 65.9007, 71.4997

Triad

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



57.1478, 65.9007, 62.5314



62.5475, 65.9007, 92.3111



68.5608, 65.9007, 62.9357

Complementary

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



57.1478, 65.9007, 62.5314



60.2030, 57.6160, 71.5694

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.



69.4542, 65.9007, 72.0103



57.1478, 65.9007, 62.5314



65.9068, 65.9007, 89.5028

Square

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



57.1478, 65.9007, 62.5314



59.3274, 65.9007, 89.2073



68.4661, 65.9007, 81.8430



66.0667, 65.9007, 56.7411

Rectangle

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



57.1478, 65.9007, 62.5314



56.6225, 65.9007, 78.1449



68.4661, 65.9007, 81.8430



69.0622, 65.9007, 65.7227

Sweetspot

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



57.1496, 65.9035, 62.5329



90.0869, 97.5927, 101.8332



62.5947, 68.7757, 59.8460



19.0886, 20.7949, 21.5195



0.0000, 0.0000, 0.0000



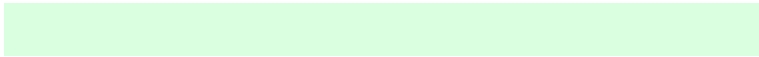
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1496, 65.9035, 62.5329



77.7329, 91.6062, 83.9869



58.7609, 66.5480, 71.0176



12.9845, 14.6454, 14.3814



15.2826, 30.1457, 6.3874



1.0197, 1.9648, 0.5696

Inverse Universe

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



60.2030, 57.6160, 71.5694



82.9189, 77.5291, 99.3340



58.5549, 56.9568, 62.8904



13.5056, 13.2313, 15.9235



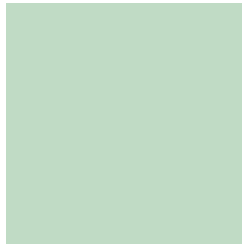
22.1517, 10.8617, 26.2424



1.4625, 0.7146, 1.8443

Previews

White Background



This preview shows how the XYZ color 57.1478, 65.9007, 62.5314 looks on a white background.

Color Contrast Check

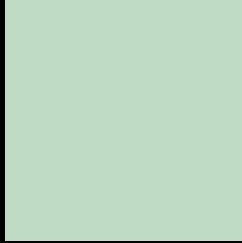
Large Text (above 18pt) WCAG AA × Fail

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 57.1478, 65.9007, 62.5314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

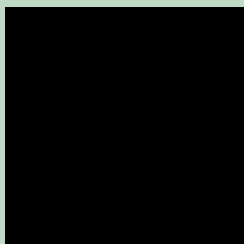
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

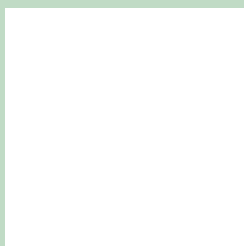
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1478, 65.9007, 62.5314

Background



This preview shows how black text looks on a background with the XYZ color 57.1478, 65.9007, 62.5314.



This preview shows how white text looks on a background with the XYZ color 57.1478, 65.9007,

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
57.1478, 65.9007, 62.5314
Protanopia
62.4351, 65.6544, 59.8340
Deuteranopia
67.1817, 65.8373, 63.8106



Tritanopia

61.7591, 65.8684, 85.0601

Trichromacy



Original Color

57.1478, 65.9007, 62.5314

Protanomaly

60.3625, 65.6898, 60.5369

Deuteranomaly

63.1742, 65.5889, 63.3631

Tritanomaly

60.1070, 65.9620, 76.5818

Monochromacy



Original Color

57.1478, 65.9007, 62.5314

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.7997, 64.0032, 66.3815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1478, 65.9007, 62.5314 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, 219, 197) looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 197)  
}
```

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, 219, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 197) }
```

Border

The CSS property to change the border of an element to XYZ 57.1478, 65.9007, 62.5314 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, 219, 197) }
```


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

```
.border{ border-color:rgb(192, 219, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 219, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 219, 197);  
box-shadow:4px 4px 4px 4px rgb(192, 219,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1478, 65.9007, 62.5314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 197) }
```

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

```
.background{ background-color: rgb(192,  
219, 197) }
```

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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