

Converting Colors

XYZ(57.1513, 60.2982, 65.5281)

Have a look what the booklet for
XYZ(57.1513, 60.2982, 65.5281)
contains.

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Color

**XYZ(57.1206, 60.2419,
65.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCCCC
RGB	203, 204, 204
RGB Percent	80%, 80%, 80%
CMY	0.2039, 0.2000, 0.2000
CMYK	0.00, 0.00, 0.00, 0.20
HSL	180°, 1%, 80%
HSV	180°, 0%, 80%
XYZ	57.1206, 60.2419, 65.7440
YIQ	203.7010, -0.5960, -0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	203, 204, 204
Decimal	13356236
CIE _{Lab}	81.97, -0.34, -0.13
CIE _{LCh}	82, 0.362, 200.923
Yxy	60.2419, 0.3120, 0.3290
Android (android.graphics.Color)	4291546316 (0xFFCBCCCC)
YUV	203.7010, 0.1474, -0.6148
Hunter-Lab	77.6157, -4.4618, 4.1096

Details

The XYZ color **57.1206, 60.2419, 65.7440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0396, 59.8627, 65.0514**, and the grayscale version is **57.2066, 60.1858, 65.5424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8058, 30.4043, 33.2045** is the 20% darker color. If you saturate the color by 10%, you get **51.9185, 57.5628, 65.4576**, and if you desaturate by 10%, it is **63.0572, 63.3031, 66.0672**.

Distribution



- Red (80%)
- Green (80%)
- Blue (80%)



- Red (80%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1206, 60.2419, 65.7440 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 57.1206, 60.2419, 65.7440 by changing the saturation by 10% instead.

■ 57.1206, 60.2419,
65.7440

■ 57.1206, 60.2419,
65.7440

403.9079,
425.4888, 463.8400

■ 41.3426, 43.6136,
47.6094

99.7715, 105.1805,
114.7423

■ 28.7757, 30.3669,
33.1599

127.3751,
134.2596, 146.4432

■ 19.0547, 20.1172,
21.9769

159.6512,
168.2578, 183.5032

■ 11.8140, 12.4803,
13.6417

196.9653,
207.5595, 226.3410

■ 6.6885, 7.0717,
7.7360

239.6826,
252.5490, 275.3750

■ 3.3126, 3.5070,
3.8412

288.1686,

■ 1.3212, 1.4018,

303.6109, 331.0238

1.5386

342.7886,
361.1293, 393.7059

■ 0.1990, 0.2180,
0.2464

■ 0.0000, 0.0000,
0.0000

■ 57.1206, 60.2419,
65.7440

■ 57.1206, 60.2419,
65.7440

■ 51.9185, 57.5628,
65.4576

■ 63.0572, 63.3031,
66.0672

■ 47.4174, 55.2434,
65.2029

■ 69.7499, 66.7523,
66.4246

■ 43.5890, 53.2707,
64.9796

■ 73.7587, 68.8179,
66.6564

■ 40.4008, 51.6281,
64.7863

■ 73.7671, 68.8213,
66.7010

■ 37.8178, 50.2975,
64.6214

■ 73.7756, 68.8247,
66.7457

■ 35.8016, 49.2591,
64.4830

■ 73.7841, 68.8281,
66.7903

■ 34.3096, 48.4910,
64.3692

■ 73.7926, 68.8315,
66.8350

■ 33.2930, 47.9678,
64.2776

■ 73.8011, 68.8349,
66.8797

■ 32.6937, 47.6598,
64.2055

■ 73.8096, 68.8383,
66.9244

Harmonies

Analogous

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



57.1127, 60.2419, 65.5266



57.1206, 60.2419, 65.7440



57.1653, 60.2419, 65.9213

Triad

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



57.1206, 60.2419, 65.7440



57.3726, 60.2419, 65.8596



57.2814, 60.2419, 65.1774

Complementary

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



57.1206, 60.2419, 65.7440



57.0396, 59.8627, 65.0514

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.



57.3510, 60.2419, 65.2661



57.1206, 60.2419, 65.7440



57.4037, 60.2419, 65.6598

Square

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



57.1206, 60.2419, 65.7440



57.3108, 60.2419, 65.9881



57.3959, 60.2419, 65.4426



57.2055, 60.2419, 65.1998

Rectangle

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



57.1206, 60.2419, 65.7440



57.2100, 60.2419, 65.9928



57.3959, 60.2419, 65.4426



57.3063, 60.2419, 65.1952

Sweetspot

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



57.1223, 60.2445, 65.7453

95.0500, 100.0000, 108.9000



57.0073, 60.1990, 65.1159



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



57.1223, 60.2445, 65.7453



94.1166, 99.5190, 108.8489



57.0076, 60.0145, 65.7091



12.5141, 13.2275, 14.4631



20.3985, 29.9047, 40.3790



1.0529, 1.5430, 2.0860

Inverse Universe

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



57.0396, 59.8627, 65.0514



93.8354, 98.2212, 106.4901



57.1539, 60.0920, 65.0875



12.4794, 13.0675, 14.1722



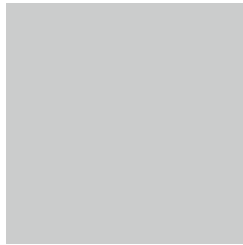
15.6767, 8.0813, 0.7500



0.8093, 0.4171, 0.0417

Previews

White Background



This preview shows how the XYZ color 57.1206, 60.2419, 65.7440 looks on a white background.

Color Contrast Check

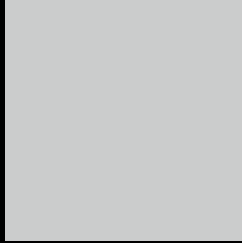
Large Text (above 18pt) WCAG AA × Fail

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 57.1206, 60.2419, 65.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

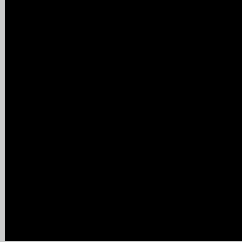
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

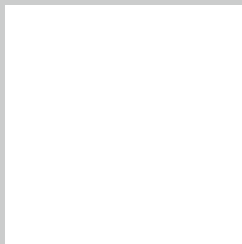
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1206, 60.2419, 65.7440

Background



This preview shows how black text looks on a background with the XYZ color 57.1206, 60.2419, 65.7440.

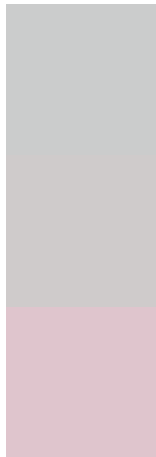


This preview shows how white text looks on a background with the XYZ color 57.1206, 60.2419,

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

57.1206, 60.2419, 65.7440

Protanopia

57.8676, 60.2891, 65.0869

Deuteranopia

61.4171, 60.0283, 66.1072



Tritanopia

58.9523, 60.2822, 74.8582

Trichromacy



Original Color

57.1206, 60.2419, 65.7440

Protanomaly

57.5890, 60.1455, 65.0739

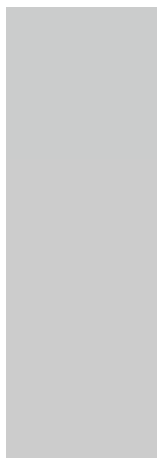
Deuteranomaly

59.9926, 60.3153, 66.2377

Tritanomaly

58.2680, 60.3533, 71.5291

Monochromacy



Original Color

57.1206, 60.2419, 65.7440

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3938, 60.3827, 65.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1206, 60.2419, 65.7440 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(203, 204, 204) looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 204)  
}
```

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(203, 204, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.1206, 60.2419, 65.7440 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(203, 204, 204) }
```

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

```
.border{ border-color:rgb(203, 204, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 204, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 204, 204);  
box-shadow:4px 4px 4px 4px rgb(203, 204,  
204) }
```


Background

The CSS property to change the background color of an element to XYZ 57.1206, 60.2419, 65.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 204) }
```

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

```
.background{ background-color: rgb(203,  
204, 204) }
```

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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