

Converting Colors

XYZ(57.0216, 61.0988, 64.3812)

Have a look what the booklet for
XYZ(57.0216, 61.0988, 64.3812)
contains.

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Color

**XYZ(57.0891, 60.9634,
64.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	CACECA
RGB	202, 206, 202
RGB Percent	79%, 81%, 79%
CMY	0.2078, 0.1921, 0.2078
CMYK	0.02, 0.00, 0.02, 0.19
HSL	120°, 4%, 80%
HSV	120°, 2%, 81%
XYZ	57.0891, 60.9634, 64.6353
YIQ	204.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

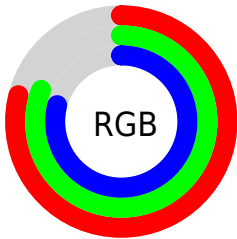
Format	Color
R _Y B	202, 206, 206
Decimal	13291210
CIE Lab	82.36, -2.10, 1.50
CIE LCh	82, 2.575, 144.436
Yxy	60.9634, 0.3125, 0.3337
Android (android.graphics.Color)	4291481290 (0xFFCACECA)
YUV	204.3480, -1.1576, -2.0592
Hunter-Lab	78.0791, -6.1244, 5.5740

Details

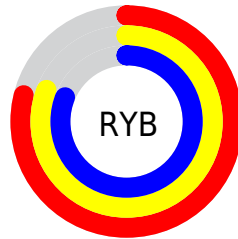
The XYZ color **57.0891, 60.9634, 64.6353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7170, 59.8207, 66.9001**, and the grayscale version is **57.6237, 60.6246, 66.0202**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7863, 30.8905, 32.4622** is the 20% darker color. If you saturate the color by 10%, you get **49.6044, 57.3699, 52.3912**, and if you desaturate by 10%, it is **65.6470, 65.0760, 78.6319**.

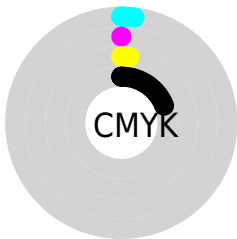
Distribution



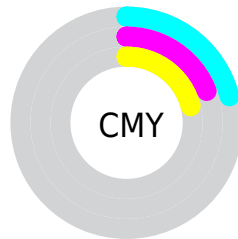
- Red (79%)
- Green (81%)
- Blue (79%)



- Red (79%)
- Yellow (81%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (21%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0891, 60.9634, 64.6353 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 57.0891, 60.9634, 64.6353 by changing the saturation by 10% instead.

■ 57.0891, 60.9634,
64.6353

■ 57.0891, 60.9634,
64.6353

403.7919,
428.1398, 459.7505

■ 41.3172, 44.1956,
46.7160

99.7258, 106.2259,
113.1336

■ 28.7558, 30.8243,
32.4584

127.3213,
135.4895, 144.5497

■ 19.0395, 20.4651,
21.4442

159.5887,
169.6871, 181.3017

■ 11.8030, 12.7336,
13.2547

196.8934,
209.2032, 223.8083

■ 6.6809, 7.2454,
7.4714

239.6007,
254.4221, 272.4879

■ 3.3079, 3.6160,
3.6757

288.0760,

■ 1.3186, 1.4612,

305.7282, 327.7591

1.4492

342.6846,
363.5060, 390.0405

■ 0.1971, 0.2612,
0.1796

■ 0.0000, 0.0000,
0.0000

■ 57.0891, 60.9634,
64.6353

■ 57.0891, 60.9634,
64.6353

■ 49.6044, 57.3699,
52.3912

■ 65.6470, 65.0760,
78.6319

■ 43.1457, 54.2675,
41.8267

■ 75.3128, 69.7189,
94.4420

■ 37.6698, 51.6371,
32.8699

■ 81.3625, 72.6249,
104.3375

■ 33.1287, 49.4558,
25.4420

■ 29.4700, 47.6984,
19.4576

■ 26.6366, 46.3373,
14.8230

■ 24.5643, 45.3419,
11.4333

■ 23.1796, 44.6767,
9.1684

■ 22.3945, 44.2996,
7.8843

Harmonies

Analogous

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



57.5081, 60.9634, 63.6633



57.0891, 60.9634, 64.6353



56.8992, 60.9634, 66.0860

Triad

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



57.0891, 60.9634, 64.6353



57.8416, 60.9634, 69.4346



58.9106, 60.9634, 65.1355

Complementary

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



57.0891, 60.9634, 64.6353



57.7170, 59.8207, 66.9001

Split Complementary

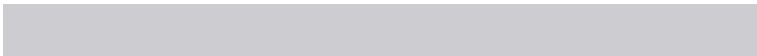
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0013, 60.9634, 66.6724



57.0891, 60.9634, 64.6353



58.3818, 60.9634, 69.1704

Square

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



57.0891, 60.9634, 64.6353



57.3319, 60.9634, 68.8695



58.8072, 60.9634, 68.1533



58.5602, 60.9634, 63.9489

Rectangle

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



57.0891, 60.9634, 64.6353



56.9272, 60.9634, 67.1356



58.8072, 60.9634, 68.1533



58.9726, 60.9634, 65.6277

Sweetspot

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



57.0908, 60.9660, 64.6366



93.7102, 99.3564, 106.7084



58.1882, 61.5318, 64.6880



20.0719, 21.2731, 22.8631



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.



57.0908, 60.9660, 64.6366



92.3882, 98.7214, 104.5460



57.3294, 61.0615, 65.8932



12.3008, 13.1291, 13.9323



13.5908, 27.1816, 4.5303



0.7011, 1.4023, 0.2337

Inverse Universe

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



57.7170, 59.8207, 66.9001



93.4445, 96.7891, 108.3648



57.4753, 59.7240, 65.6273



12.4311, 12.8908, 14.4033



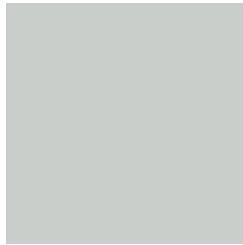
22.5335, 10.8240, 36.8578



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 57.0891, 60.9634, 64.6353 looks on a white background.

Color Contrast Check

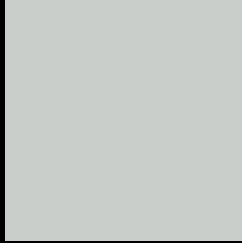
Large Text (above 18pt) WCAG AA × Fail

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 57.0891, 60.9634, 64.6353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

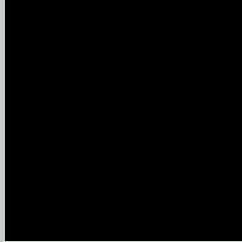
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

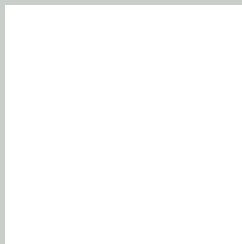
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0891, 60.9634, 64.6353

Background



This preview shows how black text looks on a background with the XYZ color 57.0891, 60.9634, 64.6353.



This preview shows how white text looks on a background with the XYZ color 57.0891, 60.9634,

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

57.0891, 60.9634, 64.6353

Protanopia

58.4300, 60.9581, 63.9448

Deuteranopia

62.1445, 60.7554, 65.5783



Tritanopia

59.3190, 60.8055, 75.6280

Trichromacy



Original Color

57.0891, 60.9634, 64.6353

Protanomaly

57.8275, 61.0015, 63.9850

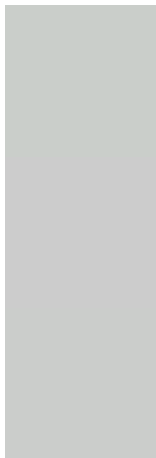
Deuteranomaly

60.2814, 60.8368, 65.0654

Tritanomaly

58.5049, 60.8272, 71.6081

Monochromacy



Original Color

57.0891, 60.9634, 64.6353

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2394, 60.6710, 65.1937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0891, 60.9634, 64.6353 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(202, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 202)  
}
```

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(202, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.0891, 60.9634, 64.6353 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(202, 206, 202) }
```


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

```
.border{ border-color:rgb(202, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0891, 60.9634, 64.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 202) }
```

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

```
.background{ background-color: rgb(202,  
206, 202) }
```

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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