

Converting Colors

XYZ(57.4029, 60.9123, 66.1735)

Have a look what the booklet for
XYZ(57.4029, 60.9123, 66.1735)
contains.

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Color

**XYZ(57.7194, 61.2469,
66.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCECD
RGB	203, 206, 205
RGB Percent	80%, 81%, 80%
CMY	0.2039, 0.1921, 0.1961
CMYK	0.01, 0.00, 0.00, 0.19
HSL	160°, 3%, 80%
HSV	160°, 1%, 81%
XYZ	57.7194, 61.2469, 66.5373
YIQ	204.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

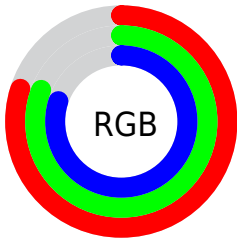
Format	Color
R_{YB}	203, 205, 206
Decimal	13356749
CIE Lab	82.51, -1.20, 0.13
CIE LCh	83, 1.211, 173.953
Yxy	61.2469, 0.3111, 0.3302
Android (android.graphics.Color)	4291546829 (0xFFCBCECD)
YUV	204.9890, 0.0054, -1.7444
Hunter-Lab	78.2604, -5.3066, 4.3737

Details

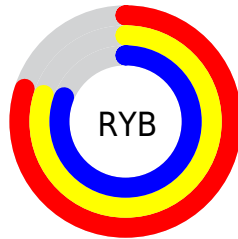
The XYZ color **57.7194, 61.2469, 66.5373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7109, 60.1950, 65.7070**, and the grayscale version is **58.0235, 61.0452, 66.4782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2086, 31.0804, 33.7378** is the 20% darker color. If you saturate the color by 10%, you get **51.6655, 58.2216, 62.0128**, and if you desaturate by 10%, it is **64.5588, 64.6763, 71.2919**.

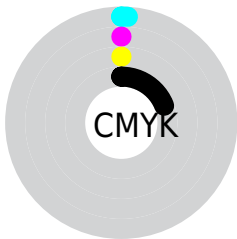
Distribution



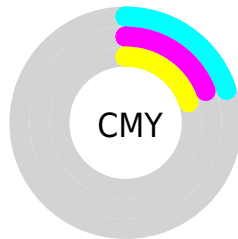
- Red (80%)
- Green (81%)
- Blue (80%)



- Red (80%)
- Yellow (80%)
- Blue (81%)



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7194, 61.2469, 66.5373 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 57.7194, 61.2469, 66.5373 by changing the saturation by 10% instead.

■ 57.7194, 61.2469,
66.5373

■ 57.7194, 61.2469,
66.5373

406.1103,
429.1787, 466.7526

■ 41.8255, 44.4245,
48.2495

100.6394,
106.6363, 115.8915

■ 29.1552, 31.0043,
33.6631

128.3963,
135.9721, 147.7950

■ 19.3431, 20.6022,
22.3596

160.8382,
170.2478, 185.0740

■ 12.0239, 12.8335,
13.9206

198.3304,
209.8478, 228.1473

■ 6.8323, 7.3140,
7.9273

241.2384,
255.1565, 277.4332

■ 3.4028, 3.6592,
3.9614

289.9275,

■ 1.3702, 1.4848,

306.5583, 333.3503

1.6042

344.7630,
364.4376, 396.3173

■ 0.2348, 0.2780,
0.2938

■ 0.0000, 0.0000,
0.0000

■ 57.7194, 61.2469,
66.5373

■ 57.7194, 61.2469,
66.5373

■ 51.6655, 58.2216,
62.0128

■ 64.5588, 64.6763,
71.2919

■ 46.3623, 55.5775,
57.7105

■ 72.2065, 68.5165,
76.2763

■ 41.7799, 53.3008,
53.6279

■ 76.9919, 70.8767,
81.3222

■ 37.8845, 51.3742,
49.7609

■ 77.9537, 71.2614,
86.3870

■ 34.6394, 49.7788,
46.1052

■ 78.9538, 71.6615,
91.6537

■ 32.0045, 48.4941,
42.6561

■ 79.9927, 72.0770,
97.1245

■ 29.9348, 47.4969,
39.4091

■ 81.0708, 72.5083,
102.8016

■ 28.3793, 46.7609,
36.3589

■ 81.3625, 72.6249,
104.3375

■ 27.2767, 46.2546,
33.4998

Harmonies

Analogous

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



57.8115, 61.2469, 65.8515



57.7194, 61.2469, 66.5373



57.7593, 61.2469, 67.2683

Triad

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



57.7194, 61.2469, 66.5373



58.4158, 61.2469, 67.9997



58.5069, 61.2469, 65.5407

Complementary

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



57.7194, 61.2469, 66.5373



57.7109, 60.1950, 65.7070

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.



58.6697, 61.2469, 66.1100



57.7194, 61.2469, 66.5373



58.6170, 61.2469, 67.5304

Square

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



57.7194, 61.2469, 66.5373



58.1609, 61.2469, 68.1162



58.7101, 61.2469, 66.8379



58.2658, 61.2469, 65.2789

Rectangle

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



57.7194, 61.2469, 66.5373



57.8555, 61.2469, 67.6825



58.7101, 61.2469, 66.8379



58.5727, 61.2469, 65.7022

Sweetspot

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



57.7211, 61.2495, 66.5386

95.0500, 100.0000, 108.9000



57.7685, 61.3016, 65.2886



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.



57.7211, 61.2495, 66.5386



92.9254, 98.9363, 107.3749



57.7344, 61.0815, 67.1426



12.3671, 13.1556, 14.2814



16.4256, 28.3156, 19.4582



0.8817, 1.4745, 1.1847

Inverse Universe

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



57.7109, 60.1950, 65.7070



92.9025, 96.5723, 105.5105



57.6975, 60.3601, 65.1106



12.3643, 12.8640, 14.0514



16.3722, 8.3595, 4.4127



0.8798, 0.4453, 0.4129

Previews

White Background



This preview shows how the XYZ color 57.7194, 61.2469, 66.5373 looks on a white background.

Color Contrast Check

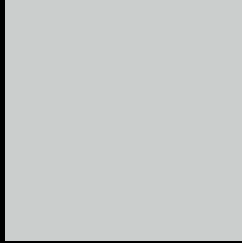
Large Text (above 18pt) WCAG AA × Fail

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 57.7194, 61.2469, 66.5373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

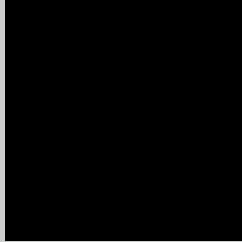
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

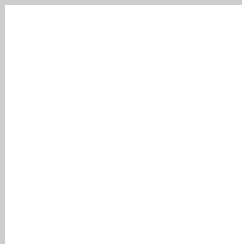
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7194, 61.2469, 66.5373

Background



This preview shows how black text looks on a background with the XYZ color 57.7194, 61.2469, 66.5373.

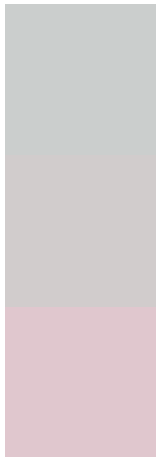


This preview shows how white text looks on a background with the XYZ color 57.7194, 61.2469, 66.5373.

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

57.7194, 61.2469, 66.5373

Protanopia

58.7864, 61.1007, 65.8220

Deuteranopia

62.3045, 61.1504, 66.9119



Tritanopia

59.6880, 61.3322, 76.4025

Trichromacy



Original Color

57.7194, 61.2469, 66.5373

Protanomaly

58.4625, 61.2877, 65.8751

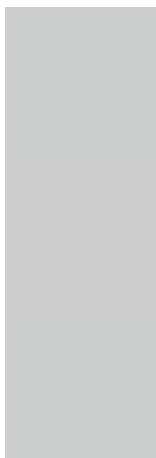
Deuteranomaly

60.5800, 61.2962, 67.0310

Tritanomaly

58.9989, 61.4063, 73.0330

Monochromacy



Original Color

57.7194, 61.2469, 66.5373

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.7526, 60.9078, 66.4701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7194, 61.2469, 66.5373 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, 206, 205) looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 205)  
}
```

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, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.7194, 61.2469, 66.5373 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, 206, 205) }
```

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

```
.border{ border-color:rgb(203, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 57.7194, 61.2469, 66.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 205) }
```

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

```
.background{ background-color: rgb(203,  
206, 205) }
```

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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