

Converting Colors

XYZ(57.2390, 60.7130, 63.3462)

Have a look what the booklet for
XYZ(57.2390, 60.7130, 63.3462)
contains.

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Color

**XYZ(57.1585, 60.6701,
63.3415)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCDC8
RGB	204, 205, 200
RGB Percent	80%, 80%, 78%
CMY	0.2000, 0.1961, 0.2157
CMYK	0.00, 0.00, 0.02, 0.20
HSL	72°, 5%, 79%
HSV	72°, 2%, 80%
XYZ	57.1585, 60.6701, 63.3415
YIQ	204.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

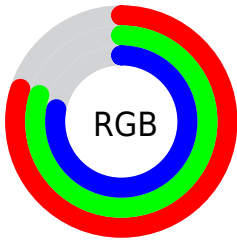
Format	Color
R_{YB}	200, 205, 201
Decimal	13422024
CIE Lab	82.20, -1.24, 2.35
CIE LCh	82, 2.663, 117.833
Yxy	60.6701, 0.3155, 0.3349
Android (android.graphics.Color)	4291612104 (0xFFCCDC8)
YUV	204.1310, -2.0366, -0.1149
Hunter-Lab	77.8910, -5.3212, 6.3087

Details

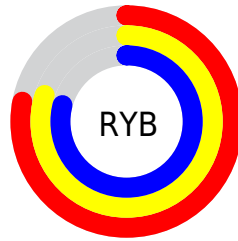
The XYZ color **57.1585, 60.6701, 63.3415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7633, 58.1354, 66.0429**, and the grayscale version is **57.4908, 60.4848, 65.8679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8326, 30.6926, 31.5987** is the 20% darker color. If you saturate the color by 10%, you get **53.8100, 59.2042, 51.5054**, and if you desaturate by 10%, it is **60.8614, 62.2851, 76.8737**.

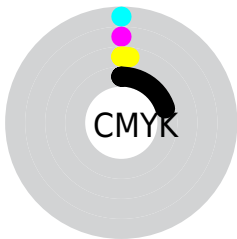
Distribution



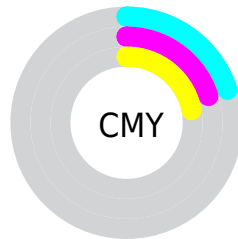
- Red (80%)
- Green (80%)
- Blue (78%)



- Red (78%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1585, 60.6701, 63.3415 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 57.1585, 60.6701, 63.3415 by changing the saturation by 10% instead.

■ 57.1585, 60.6701,
63.3415

■ 57.1585, 60.6701,
63.3415

404.0476,
427.0634, 454.9498

■ 41.3731, 43.9590,
45.6748

99.8264, 105.8011,
111.2524

■ 28.7997, 30.6383,
31.6424

127.4397,
134.9898, 142.3336

■ 19.0729, 20.3236,
20.8260

159.7264,
169.1065, 178.7234

■ 11.8273, 12.6305,
12.8069

197.0518,
208.5355, 220.8403

■ 6.6975, 7.1746,
7.1665

239.7812,
253.6613, 269.1028

■ 3.3183, 3.5715,
3.4864

288.2801,

■ 1.3242, 1.4369,

304.8683, 323.9296

1.3481

342.9138,
362.5409, 385.7391

■ 0.2013, 0.2437,
0.1007

■ 0.0000, 0.0000,
0.0000

■ 57.1585, 60.6701,
63.3415

■ 57.1585, 60.6701,
63.3415

■ 53.8100, 59.2042,
51.5054

■ 60.8614, 62.2851,
76.8737

■ 50.7980, 57.8743,
41.2946

■ 64.9260, 64.0463,
92.1612

■ 48.1104, 56.6776,
32.6392

■ 68.3005, 65.5350,
103.6574

■ 45.7324, 55.6081,
25.4625

■ 69.5329, 66.1703,
103.7151

■ 43.6481, 54.6593,
19.6815

■ 70.7960, 66.8215,
103.7742

■ 41.8397, 53.8243,
15.2049

■ 72.0899, 67.4885,
103.8348

■ 40.2878, 53.0952,
11.9306

■ 73.4149, 68.1715,
103.8968

■ 38.9698, 52.4628,
9.7413

■ 74.7711, 68.8707,
103.9603

■ 37.8588, 51.9164,
8.4962

■ 76.1589, 69.5861,
104.0252

Harmonies

Analogous

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



57.7063, 60.6701, 62.9937



57.1585, 60.6701, 63.3415



56.7488, 60.6701, 64.4140

Triad

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



57.1585, 60.6701, 63.3415



57.0877, 60.6701, 68.7329



58.7594, 60.6701, 66.1773

Complementary

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



57.1585, 60.6701, 63.3415



55.7633, 58.1354, 66.0429

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.



58.5912, 60.6701, 67.7326



57.1585, 60.6701, 63.3415



57.6240, 60.6701, 69.2230

Square

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



57.1585, 60.6701, 63.3415



56.7081, 60.6701, 67.5253



58.1747, 60.6701, 68.8540



58.6328, 60.6701, 64.6149

Rectangle

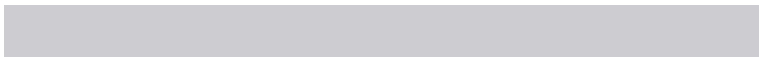
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1585, 60.6701, 63.3415



56.6078, 60.6701, 65.4047



58.1747, 60.6701, 68.8540



58.7355, 60.6701, 66.7185

Sweetspot

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



57.1602, 60.6727, 63.3428



94.4542, 99.7400, 106.7433



56.4908, 58.9243, 63.0406



20.2234, 21.3512, 22.8702



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.



57.1602, 60.6727, 63.3428



93.2804, 99.2272, 102.5155



56.4807, 60.3224, 63.3110



12.3394, 13.1603, 13.4253



23.1865, 32.1284, 4.9793



1.2536, 1.6871, 0.2596

Inverse Universe

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



55.7633, 58.1354, 66.0429



90.4435, 94.0743, 107.9990



56.4407, 58.4846, 66.0746



11.8755, 12.3176, 14.3220



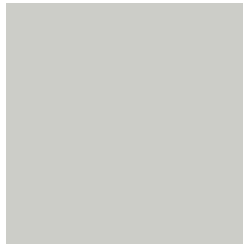
7.4949, 3.0713, 36.1541



0.4499, 0.1911, 1.8681

Previews

White Background



This preview shows how the XYZ color 57.1585, 60.6701, 63.3415 looks on a white background.

Color Contrast Check

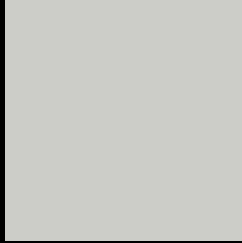
Large Text (above 18pt) WCAG AA × Fail

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 57.1585, 60.6701, 63.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

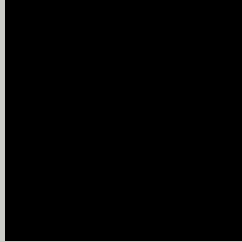
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

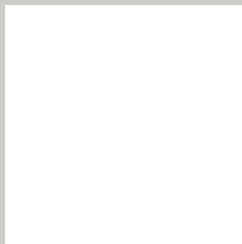
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1585, 60.6701, 63.3415

Background



This preview shows how black text looks on a background with the XYZ color 57.1585, 60.6701, 63.3415.



This preview shows how white text looks on a background with the XYZ color 57.1585, 60.6701,

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

57.1585, 60.6701, 63.3415

Protanopia

57.9592, 60.3907, 62.6346

Deuteranopia

61.7880, 60.6128, 63.7012



Tritanopia

59.5075, 60.5684, 74.8842

Trichromacy



Original Color

57.1585, 60.6701, 63.3415

Protanomaly

57.6338, 60.5747, 62.6873

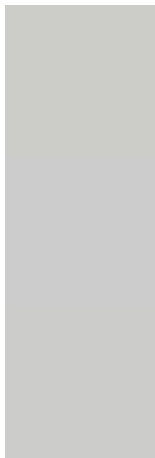
Deuteranomaly

60.0445, 60.7420, 63.8180

Tritanomaly

58.5674, 60.5368, 70.2260

Monochromacy



Original Color

57.1585, 60.6701, 63.3415

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2742, 60.3349, 65.1270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1585, 60.6701, 63.3415 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(204, 205, 200) looks like.

```
.text, #text, p{  
    color:rgb(204, 205, 200)  
}
```

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(204, 205, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 205, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.1585, 60.6701, 63.3415 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(204, 205, 200) }
```


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

```
.border{ border-color:rgb(204, 205, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 205, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 205, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 205, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 205,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1585, 60.6701, 63.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 205, 200) }
```

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

```
.background{ background-color: rgb(204,  
205, 200) }
```

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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