

Converting Colors

XYZ(56.3046, 58.9474, 57.7015)

Have a look what the booklet for
XYZ(56.3046, 58.9474, 57.7015)
contains.

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Color

**XYZ(56.3030, 58.9448,
57.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9BF
RGB	208, 201, 191
RGB Percent	82%, 79%, 75%
CMY	0.1843, 0.2117, 0.2510
CMYK	0.00, 0.03, 0.08, 0.18
HSL	35°, 15%, 78%
HSV	35°, 8%, 82%
XYZ	56.3030, 58.9448, 57.7002
YIQ	201.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

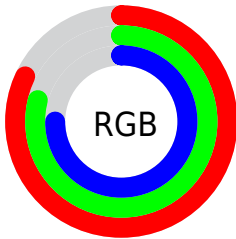
Format	Color
RYB	203, 208, 191
Decimal	13683135
CIELab	81.26, 0.69, 5.85
CIElCh	81, 5.886, 83.253
Yxy	58.9448, 0.3255, 0.3408
Android (android.graphics.Color)	4291873215 (0xFFD0C9BF)
YUV	201.9530, -5.3998, 5.3032
Hunter-Lab	76.7755, -3.4549, 9.1838

Details

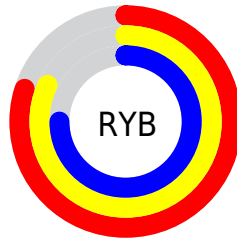
The XYZ color **56.3030, 58.9448, 57.7002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0649, 56.0175, 67.6906**, and the grayscale version is **56.1405, 59.0642, 64.3209**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **28.3476, 29.5724, 28.2587** is the 20% darker color. If you saturate the color by 10%, you get **52.2350, 54.2152, 45.8417**, and if you desaturate by 10%, it is **60.8106, 64.0321, 71.3105**.

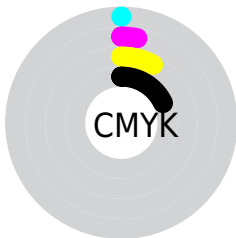
Distribution



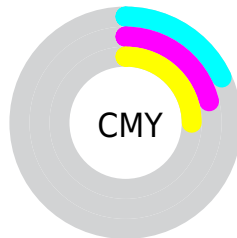
- Red (82%)
- Green (79%)
- Blue (75%)



- Red (80%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3030, 58.9448, 57.7002 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 56.3030, 58.9448, 57.7002 by changing the saturation by 10% instead.

■ 56.3030, 58.9448,
57.7002

■ 56.3030, 58.9448,
57.7002

400.8889,
420.6973, 433.6349

■ 40.6839, 42.5687,
41.1546

■ 98.5847, 103.2974,
102.9966

■ 28.2587, 29.5468,
28.1193

125.9780,
132.0427, 132.5845

■ 18.6622, 19.4949,
18.1758

158.0267,
165.6799, 167.3568

■ 11.5290, 12.0284,
10.9055

195.0961,
204.5933, 207.7322

■ 6.4938, 6.7630,
5.8900

237.5517,
249.1674, 254.1292

■ 3.1911, 3.3143,
2.7106

285.7588,

■ 1.2556, 1.2980,

299.7865, 306.9663

0.9487

340.0828,
356.8350, 366.6620

■ 0.1496, 0.1396,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3030, 58.9448,
57.7002

■ 56.3030, 58.9448,
57.7002

■ 52.2350, 54.2152,
45.8417

■ 60.8106, 64.0321,
71.3105

■ 48.5864, 49.8264,
35.6587

■ 65.7675, 69.4779,
86.7370

■ 45.3422, 45.7715,
27.0752

■ 71.1891, 75.2930,
104.0453

■ 42.4848, 42.0405,
20.0074

■ 73.8408, 80.1864,
106.1934

■ 39.9952, 38.6225,
14.3640

■ 76.3542, 85.2132,
107.0312

■ 37.8521, 35.5060,
10.0437

■ 78.9872, 90.4791,
107.9089

■ 36.0319, 32.6782,
6.9317

■ 79.8226, 92.1500,
108.1874

■ 34.5069, 30.1246,
4.8932

■ 33.2371, 27.8257,
3.7283

Harmonies

Analogous

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



57.4491, 58.9448, 58.9161



56.3030, 58.9448, 57.7002



55.0987, 58.9448, 58.1692

Triad

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



56.3030, 58.9448, 57.7002



53.8849, 58.9448, 66.8863



57.9376, 58.9448, 68.3101

Complementary

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



56.3030, 58.9448, 57.7002



53.0649, 56.0175, 67.6906

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.



56.9621, 58.9448, 70.5930



56.3030, 58.9448, 57.7002



54.6252, 58.9448, 69.7503

Square

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



56.3030, 58.9448, 57.7002



53.7142, 58.9448, 63.3900



55.7484, 58.9448, 71.1295



58.4017, 58.9448, 64.9783

Rectangle

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



56.3030, 58.9448, 57.7002



54.4237, 58.9448, 59.3830



55.7484, 58.9448, 71.1295



57.6579, 58.9448, 69.2305

Sweetspot

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



56.3046, 58.9474, 57.7015



93.5737, 98.3441, 104.4107



54.8466, 54.7534, 61.1549



20.0441, 21.0671, 22.3952



0.0000, 0.0000, 0.0000



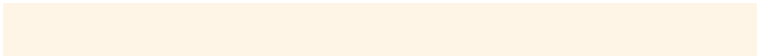
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3046, 58.9474, 57.7015



87.9560, 91.9516, 87.6079



57.5763, 62.0794, 58.2390



12.3786, 12.9478, 12.4588



20.6781, 17.2893, 2.2473



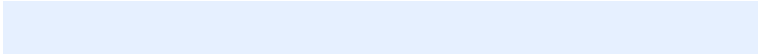
1.2333, 1.1210, 0.1514

Inverse Universe

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



53.0649, 56.0175, 67.6906



81.6811, 86.2769, 106.9558



51.8606, 53.0775, 67.1866



11.5575, 12.2053, 14.9904



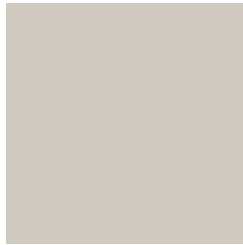
9.2400, 7.1265, 38.0810



0.5940, 0.5531, 2.1550

Previews

White Background



This preview shows how the XYZ color 56.3030, 58.9448, 57.7002 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 56.3030, 58.9448, 57.7002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

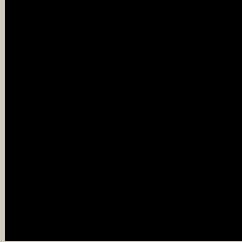
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

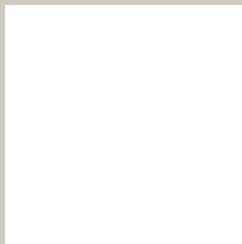
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3030, 58.9448, 57.7002

Background



This preview shows how black text looks on a background with the XYZ color 56.3030, 58.9448, 57.7002.

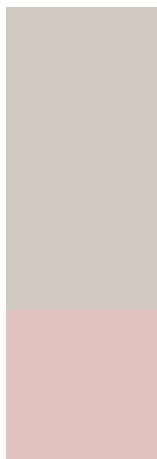


This preview shows how white text looks on a background with the XYZ color 56.3030, 58.9448,

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

56.3030, 58.9448, 57.7002

Protanopia

56.3030, 58.9448, 57.7002

Deuteranopia

60.0809, 58.8435, 58.0605



Tritanopia

59.0683, 59.0411, 71.2336

Trichromacy



Original Color

56.3030, 58.9448, 57.7002

Protanomaly

56.3030, 58.9448, 57.7002

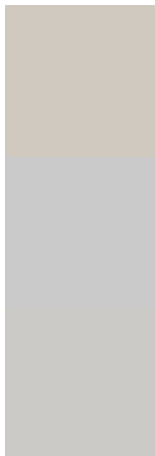
Deuteranomaly

58.6941, 58.7983, 58.1249

Tritanomaly

58.0212, 58.9563, 66.0793

Monochromacy



Original Color

56.3030, 58.9448, 57.7002

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.2154, 59.1556, 61.8814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3030, 58.9448, 57.7002 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(208, 201, 191) looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 191)  
}
```

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(208, 201, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 191) }
```

Border

The CSS property to change the border of an element to XYZ 56.3030, 58.9448, 57.7002 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(208, 201, 191) }
```


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

```
.border{ border-color:rgb(208, 201, 191) }
```

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

Here you see how a box with a 4 pixel rgb(208, 201, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 191);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3030, 58.9448, 57.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 191) }
```

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

```
.background{ background-color: rgb(208,  
201, 191) }
```

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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