

Converting Colors

XYZ(57.3757, 60.6196, 62.2263)

Have a look what the booklet for
XYZ(57.3757, 60.6196, 62.2263)
contains.

XYZ(57.2395, 60.3848, 62.0647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.2395, 60.3848,
62.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	CECCCC
RGB	206, 204, 198
RGB Percent	81%, 80%, 78%
CMY	0.1922, 0.2000, 0.2235
CMYK	0.00, 0.01, 0.04, 0.19
HSL	45°, 8%, 79%
HSV	45°, 4%, 81%
XYZ	57.2395, 60.3848, 62.0647
YIQ	203.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

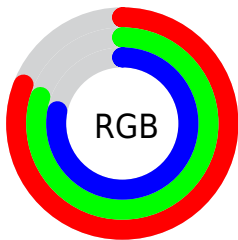
Format	Color
R _Y B	201, 206, 198
Decimal	13552838
CIE Lab	82.05, -0.38, 3.22
CIE LCh	82, 3.241, 96.724
Yxy	60.3848, 0.3185, 0.3361
Android (android.graphics.Color)	4291742918 (0xFFCECCC6)
YUV	203.9140, -2.9156, 1.8294
Hunter-Lab	77.7077, -4.5052, 7.0407

Details

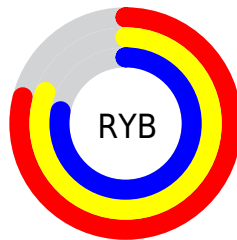
The XYZ color **57.2395, 60.3848, 62.0647** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0835, 57.7696, 66.6406**, and the grayscale version is **57.3581, 60.3452, 65.7159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.8893, 30.5017, 30.7503** is the 20% darker color. If you saturate the color by 10%, you get **53.8222, 57.0972, 49.9892**, and if you desaturate by 10%, it is **61.0237, 63.8876, 75.8584**.

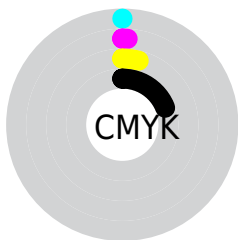
Distribution



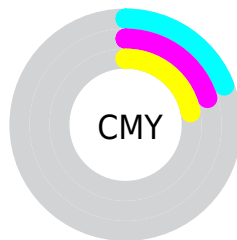
- Red (81%)
- Green (80%)
- Blue (78%)



- Red (79%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2395, 60.3848, 62.0647 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 57.2395, 60.3848, 62.0647 by changing the saturation by 10% instead.

■ 57.2395, 60.3848,
62.0647

■ 57.2395, 60.3848,
62.0647

404.3458,
426.0147, 450.1812

■ 41.4384, 43.7289,
44.6489

99.9439, 105.3877,
109.3915

■ 28.8510, 30.4574,
30.8400

127.5780,
134.5034, 140.1396

■ 19.1119, 20.1860,
20.2196

159.8871,
168.5412, 176.1688

■ 11.8556, 12.5303,
12.3691

197.2366,
207.8854, 217.8978

■ 6.7169, 7.1059,
6.8700

239.9919,
252.9205, 265.7449

■ 3.3305, 3.5284,
3.3037

288.5183,

■ 1.3308, 1.4135,

304.0308, 320.1289

1.2517

343.1811,
361.6007, 381.4681

■ 0.2061, 0.2266,
0.0217

■ 0.0000, 0.0000,
0.0000

■ 57.2395, 60.3848,
62.0647

■ 57.2395, 60.3848,
62.0647

■ 53.8222, 57.0972,
49.9892

■ 61.0237, 63.8876,
75.8584

■ 50.7535, 54.0110,
39.5596

■ 65.1824, 67.6033,
91.4310

■ 48.0207, 51.1225,
30.7043

■ 68.9463, 71.2268,
104.7220

■ 45.6087, 48.4249,
23.3447

■ 70.3115, 73.9571,
105.1771

43.5009, 45.9110,
17.3957

71.7184, 76.7710,
105.6461

41.6790, 43.5728,
12.7633

73.1675, 79.6693,
106.1291

40.1226, 41.4015,
9.3422

74.6592, 82.6526,
106.6263

38.8083, 39.3871,
7.0107

76.1937, 85.7215,
107.1378

37.7077, 37.5175,
5.6216

77.7714, 88.8769,
107.6637

Harmonies

Analogous

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



57.9172, 60.3848, 62.3362



57.2395, 60.3848, 62.0647



56.6081, 60.3848, 62.7644

Triad

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



57.2395, 60.3848, 62.0647



56.3422, 60.3848, 68.0357



58.6153, 60.3848, 67.2543

Complementary

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



57.2395, 60.3848, 62.0647



55.0835, 57.7696, 66.6406

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.



58.1870, 60.3848, 68.8263



57.2395, 60.3848, 62.0647



56.8738, 60.3848, 69.2837

Square

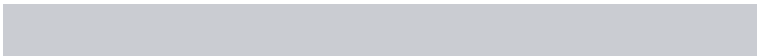
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.2395, 60.3848, 62.0647



56.0927, 60.3848, 66.1925



57.5487, 60.3848, 69.5758



58.7151, 60.3848, 65.3071

Rectangle

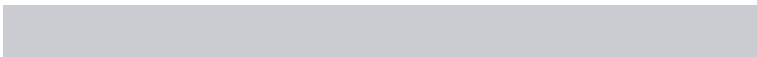
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.2395, 60.3848, 62.0647



56.2972, 60.3848, 63.6959



57.5487, 60.3848, 69.5758



58.5048, 60.3848, 67.8453

Sweetspot

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



57.2412, 60.3874, 62.0660



94.4395, 99.4316, 106.6845



56.0738, 57.6810, 62.8226



20.2204, 21.2885, 22.8582



0.0000, 0.0000, 0.0000



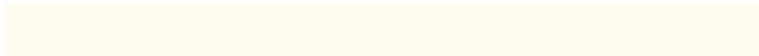
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2412, 60.3874, 62.0660



92.0581, 97.1929, 98.1095



57.1669, 61.0579, 62.1993



12.1880, 12.8725, 12.8796



22.9308, 22.5945, 3.1526



1.2408, 1.2812, 0.1819

Inverse Universe

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



55.0835, 57.7696, 66.6406



87.5368, 91.7075, 107.6954



55.1549, 57.1247, 66.5124



11.5219, 12.0644, 14.2918



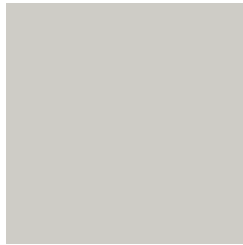
7.6653, 4.3546, 36.3928



0.4575, 0.3487, 1.8981

Previews

White Background



This preview shows how the XYZ color 57.2395, 60.3848, 62.0647 looks on a white background.

Color Contrast Check

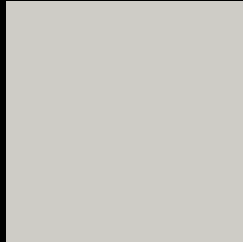
Large Text (above 18pt) WCAG AA × Fail

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 57.2395, 60.3848, 62.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

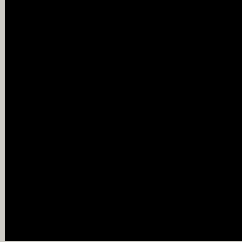
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2395, 60.3848, 62.0647

Background



This preview shows how black text looks on a background with the XYZ color 57.2395, 60.3848, 62.0647.

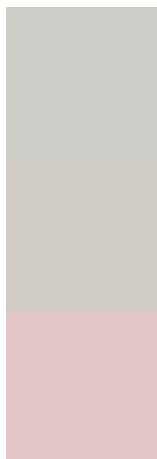


This preview shows how white text looks on a background with the XYZ color 57.2395, 60.3848,

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

57.2395, 60.3848, 62.0647

Protanopia

57.7285, 60.2984, 61.4195

Deuteranopia

61.3264, 60.0636, 62.3940



Tritanopia

59.7055, 60.3384, 74.1453

Trichromacy



Original Color

57.2395, 60.3848, 62.0647

Protanomaly

57.4464, 60.1530, 61.4063

Deuteranomaly

59.8765, 60.3375, 62.5233

Tritanomaly

58.7658, 60.3041, 69.5153

Monochromacy



Original Color

57.2395, 60.3848, 62.0647

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4304, 60.4291, 64.5142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2395, 60.3848, 62.0647 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(206, 204, 198) looks like.

```
.text, #text, p{  
    color:rgb(206, 204, 198)  
}
```

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(206, 204, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 204, 198) }
```

Border

The CSS property to change the border of an element to XYZ 57.2395, 60.3848, 62.0647 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(206, 204, 198) }
```


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

```
.border{ border-color:rgb(206, 204, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 204, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 204, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 204, 198);  
box-shadow:4px 4px 4px 4px rgb(206, 204,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2395, 60.3848, 62.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 204, 198) }
```

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

```
.background{ background-color: rgb(206,  
204, 198) }
```

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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