

Converting Colors

XYZ(56.9531, 59.6005, 63.5851)

Have a look what the booklet for
XYZ(56.9531, 59.6005, 63.5851)
contains.

XYZ(56.8400, 59.4372, 63.7351)	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(56.8400, 59.4372,
63.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCAC9
RGB	205, 202, 201
RGB Percent	80%, 79%, 79%
CMY	0.1961, 0.2078, 0.2118
CMYK	0.00, 0.01, 0.02, 0.20
HSL	15°, 4%, 80%
HSV	15°, 2%, 80%
XYZ	56.8400, 59.4372, 63.7351
YIQ	202.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

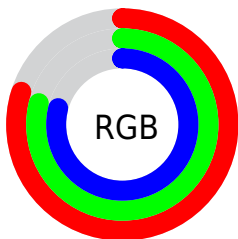
Format	Color
R_{YB}	205, 202, 201
Decimal	13486793
CIE Lab	81.53, 0.86, 0.85
CIE LCh	82, 1.211, 44.883
Yxy	59.4372, 0.3158, 0.3302
Android (android.graphics.Color)	4291676873 (0xFFCDCAC9)
YUV	202.7830, -0.8790, 1.9443
Hunter-Lab	77.0955, -3.3150, 4.9516

Details

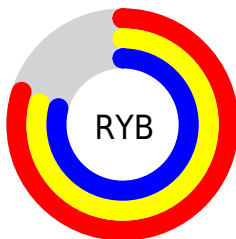
The XYZ color **56.8400, 59.4372, 63.7351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6998, 60.0104, 66.3533**, and the grayscale version is **56.6344, 59.5838, 64.8868**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.6189, 29.8657, 31.8600** is the 20% darker color. If you saturate the color by 10%, you get **51.1621, 51.6861, 50.7281**, and if you desaturate by 10%, it is **63.2018, 68.0395, 78.5594**.

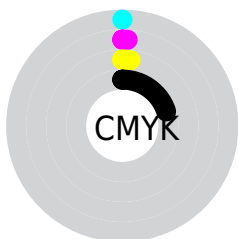
Distribution



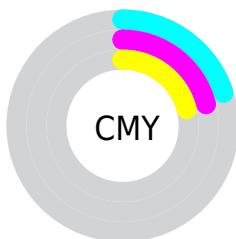
- Red (80%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8400, 59.4372, 63.7351 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 56.8400, 59.4372, 63.7351 by changing the saturation by 10% instead.

■ 56.8400, 59.4372,
63.7351

■ 56.8400, 59.4372,
63.7351

402.8734,
422.5202, 456.4136

■ 41.1164, 42.9652,
45.9913

99.3644, 104.0128,
111.8251

■ 28.5981, 29.8578,
31.8904

126.8959,
132.8852, 143.0085

■ 18.9198, 19.7307,
21.0137

159.0942,
166.6598, 179.5088

■ 11.7160, 12.1994,
12.9426

196.3245,
205.7210, 221.7446

■ 6.6214, 6.8796,
7.2588

238.9522,
250.4533, 270.1345

■ 3.2707, 3.3869,
3.5436

287.3427,

■ 1.2985, 1.3369,

301.2410, 325.0969

1.3785

341.8613,
358.4685, 387.0504

■ 0.1821, 0.1695,
0.1248

■ 0.0000, 0.0000,
0.0000

■ 56.8400, 59.4372,
63.7351

■ 56.8400, 59.4372,
63.7351

■ 51.1621, 51.6861,
50.7281

■ 63.2018, 68.0395,
78.5594

■ 46.1400, 44.7525,
39.4645

■ 70.2645, 77.5101,
95.2634

■ 41.7510, 38.6118,
29.8708

■ 76.8189, 87.3827,
107.4255

■ 37.9690, 33.2352,
21.8669

■ 78.9872, 91.7193,
108.1483

■ 34.7664, 28.5923,
15.3661

■ 32.1129, 24.6504,
10.2733

■ 29.9755, 21.3741,
6.4824

■ 28.3173, 18.7252,
3.8721

■ 27.0957, 16.6606,
2.2978

Harmonies

Analogous

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



56.9666, 59.4372, 64.3585



56.8400, 59.4372, 63.7351



56.6207, 59.4372, 63.3762

Triad

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



56.8400, 59.4372, 63.7351



56.0231, 59.4372, 64.3529



56.6188, 59.4372, 66.0781

Complementary

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



56.8400, 59.4372, 63.7351



56.6998, 60.0104, 66.3533

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.



56.3660, 59.4372, 66.0766



56.8400, 59.4372, 63.7351



56.0226, 59.4372, 65.0769

Square

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



56.8400, 59.4372, 63.7351



56.1494, 59.4372, 63.7311



56.1480, 59.4372, 65.7089



56.8386, 59.4372, 65.7130

Rectangle

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



56.8400, 59.4372, 63.7351



56.4517, 59.4372, 63.3335



56.1480, 59.4372, 65.7089



56.5349, 59.4372, 66.1205

Sweetspot

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



56.8417, 59.4398, 63.7364



94.0357, 98.6240, 106.5499



56.9635, 59.1130, 65.5353



20.1382, 21.1241, 22.8308



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.



56.8417, 59.4398, 63.7364



93.0328, 97.2623, 104.2304



57.3132, 60.3829, 63.8936



12.3804, 12.9492, 13.8934



16.4865, 9.7060, 1.0045



0.9127, 0.6251, 0.0726

Inverse Universe

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



56.6998, 60.0104, 66.3533



92.7918, 98.2320, 108.6778



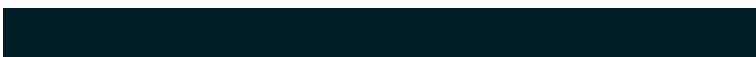
56.2283, 59.0673, 66.1961



12.3506, 13.0688, 14.4420



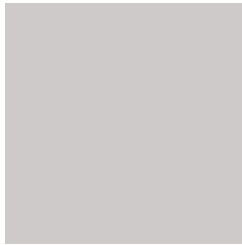
14.0895, 17.2031, 38.5342



0.7849, 1.0035, 2.0073

Previews

White Background



This preview shows how the XYZ color 56.8400, 59.4372, 63.7351 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 56.8400, 59.4372, 63.7351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

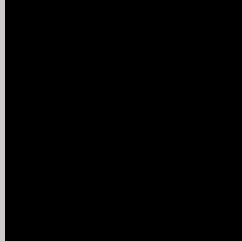
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

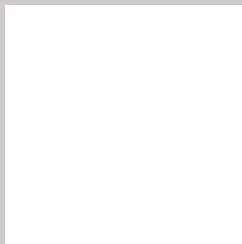
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8400, 59.4372, 63.7351

Background



This preview shows how black text looks on a background with the XYZ color 56.8400, 59.4372, 63.7351.

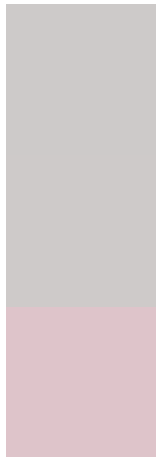


This preview shows how white text looks on a background with the XYZ color 56.8400, 59.4372,

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

56.8400, 59.4372, 63.7351

Protanopia

57.1167, 59.5799, 63.7480

Deuteranopia

60.5248, 59.2737, 64.1281



Tritanopia

58.7811, 59.5318, 73.3584

Trichromacy



Original Color

56.8400, 59.4372, 63.7351

Protanomaly

57.1167, 59.5799, 63.7480

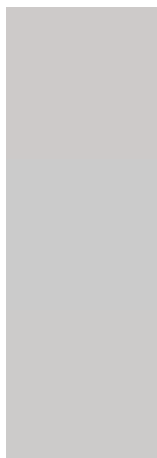
Deuteranomaly

59.1737, 59.2514, 64.1950

Tritanomaly

58.0981, 59.5982, 70.0695

Monochromacy



Original Color

56.8400, 59.4372, 63.7351

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9184, 59.8135, 64.4224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8400, 59.4372, 63.7351 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(205, 202, 201) looks like.

```
.text, #text, p{  
    color:rgb(205, 202, 201)  
}
```

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(205, 202, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 202, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.8400, 59.4372, 63.7351 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(205, 202, 201) }
```


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

```
.border{ border-color:rgb(205, 202, 201) }
```

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

Here you see how a box with a 4 pixel rgb(205, 202, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 202, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 202, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 202,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8400, 59.4372, 63.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 202, 201) }
```

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

```
.background{ background-color: rgb(205,  
202, 201) }
```

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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