

Converting Colors

XYZ(56.3262, 57.6208, 63.2929)

Have a look what the booklet for
XYZ(56.3262, 57.6208, 63.2929)
contains.

XYZ(56.2410, 57.4149, 63.3763)	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(56.2410, 57.4149,
63.3763)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC5C9
RGB	207, 197, 201
RGB Percent	81%, 77%, 79%
CMY	0.1882, 0.2274, 0.2118
CMYK	0.00, 0.05, 0.03, 0.19
HSL	336°, 9%, 79%
HSV	336°, 5%, 81%
XYZ	56.2410, 57.4149, 63.3763
YIQ	200.4460, 4.6760, 3.3640

Conversions

Conversions Part 2

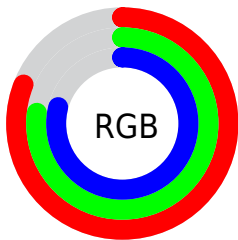
Format	Color
R_{YB}	207, 197, 201
Decimal	13616585
CIE _{Lab}	80.41, 4.20, -0.76
CIE _{LCh}	80, 4.265, 349.736
Yxy	57.4149, 0.3177, 0.3243
Android (android.graphics.Color)	4291806665 (0xFFCFC5C9)
YUV	200.4460, 0.2731, 5.7479
Hunter-Lab	75.7726, -0.1134, 3.4506

Details

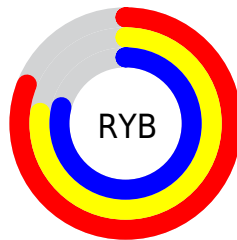
The XYZ color **56.2410, 57.4149, 63.3763** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1204, 60.8093, 65.2824**, and the grayscale version is **55.1724, 58.0456, 63.2117**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.2258, 28.5238, 31.6217** is the 20% darker color. If you saturate the color by 10%, you get **50.4571, 48.0917, 54.5270**, and if you desaturate by 10%, it is **62.7918, 68.0812, 73.0660**.

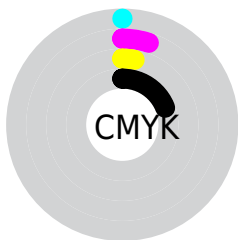
Distribution



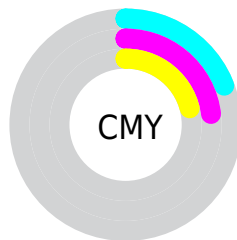
- Red (81%)
- Green (77%)
- Blue (79%)



- Red (81%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2410, 57.4149, 63.3763 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 56.2410, 57.4149, 63.3763 by changing the saturation by 10% instead.

■ 56.2410, 57.4149,
63.3763

■ 56.2410, 57.4149,
63.3763

400.6594,
415.0022, 455.0794

■ 40.6339, 41.3384,
45.7027

98.4946, 101.0703,
111.3030

■ 28.2196, 28.5836,
31.6643

125.8719,
129.4181, 142.3933

■ 18.6325, 18.7661,
20.8426

157.9033,
162.6251, 178.7929

■ 11.5075, 11.5014,
12.8188

194.9542,
201.0757, 220.9203

■ 6.4791, 6.4051,
7.1747

237.3898,
245.1543, 269.1941

■ 3.1819, 3.0930,
3.4915

285.5757,

■ 1.2507, 1.1805,

295.2453, 324.0329

1.3507

339.8771,
351.7332, 385.8551

■ 0.1458, 0.0457,
0.1028

■ 0.0000, 0.0000,
0.0000

■ 56.2410, 57.4149,
63.3763

■ 56.2410, 57.4149,
63.3763

■ 50.4571, 48.0917,
54.5270

■ 62.7918, 68.0812,
73.0660

■ 45.4063, 40.0506,
46.4909

■ 70.1320, 80.1336,
83.6147

■ 41.0595, 33.2374,
39.2448

■ 76.9655, 90.9748,
94.6038

■ 37.3835, 27.5906,
32.7629

■ 78.8576, 91.7316,
104.5678

■ 34.3427, 23.0437,
27.0178

■ 79.5425, 92.0056,
108.1743

■ 31.8975, 19.5231,
21.9802

■ 30.0042, 16.9465,
17.6184

■ 28.6119, 15.2183,
13.8977

■ 27.6596, 14.2225,
10.7788

Harmonies

Analogous

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



55.8632, 57.4149, 65.6766



56.2410, 57.4149, 63.3763



56.1678, 57.4149, 60.9044

Triad

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



56.2410, 57.4149, 63.3763



54.0058, 57.4149, 58.0948



53.4925, 57.4149, 66.2589

Complementary

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



56.2410, 57.4149, 63.3763



56.1204, 60.8093, 65.2824

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.



53.0051, 57.4149, 64.1539



56.2410, 57.4149, 63.3763



53.2992, 57.4149, 59.4567

Square

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



56.2410, 57.4149, 63.3763



54.8710, 57.4149, 57.8992



52.9347, 57.4149, 61.6617



54.2723, 57.4149, 67.3700

Rectangle

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



56.2410, 57.4149, 63.3763



55.8733, 57.4149, 59.4895



52.9347, 57.4149, 61.6617



53.2894, 57.4149, 65.6415

Sweetspot

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



56.2426, 57.4174, 63.3775



93.9964, 98.2856, 107.3380



55.8593, 57.1366, 67.1167



20.1302, 21.0552, 22.9912



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.



56.2426, 57.4174, 63.3775



88.9183, 90.0463, 99.7356



56.0062, 57.6872, 61.0091



12.3770, 12.4915, 13.8553



17.2341, 8.7665, 6.1389



1.0024, 0.5057, 0.5473

Inverse Universe

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



56.2426, 57.4174, 63.3775



88.9183, 90.0463, 99.7356



56.3616, 60.5195, 67.7432



12.3770, 12.4915, 13.8553



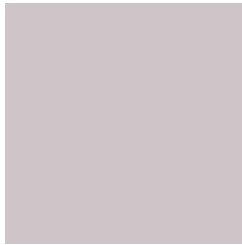
17.2341, 8.7665, 6.1389



1.0024, 0.5057, 0.5473

Previews

White Background



This preview shows how the XYZ color 56.2410, 57.4149, 63.3763 looks on a white background.

Color Contrast Check

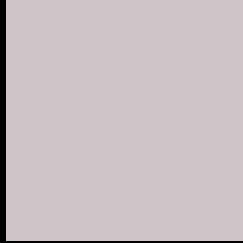
Large Text (above 18pt) WCAG AA × Fail

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 56.2410, 57.4149, 63.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

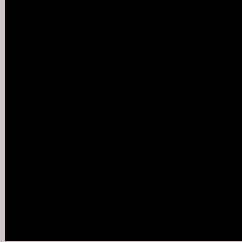
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

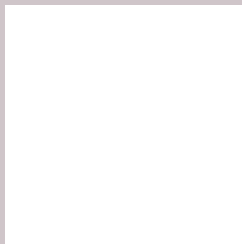
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2410, 57.4149, 63.3763

Background



This preview shows how black text looks on a background with the XYZ color 56.2410, 57.4149, 63.3763.

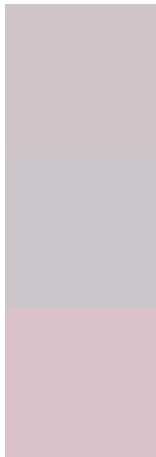


This preview shows how white text looks on a background with the XYZ color 56.2410, 57.4149,

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

56.2410, 57.4149, 63.3763

Protanopia

55.2119, 57.2090, 64.0096

Deuteranopia

58.6441, 57.3096, 63.8481



Tritanopia

57.2854, 57.1433, 69.6385

Trichromacy



Original Color

56.2410, 57.4149, 63.3763

Protanomaly

55.7566, 57.4898, 64.0351

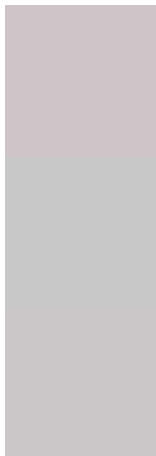
Deuteranomaly

57.6840, 57.1440, 63.8667

Tritanomaly

57.0148, 57.3947, 67.1048

Monochromacy



Original Color

56.2410, 57.4149, 63.3763

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4774, 57.7135, 62.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2410, 57.4149, 63.3763 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(207, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(207, 197, 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(207, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 197, 201) }
```

Border

The CSS property to change the border of an element to XYZ 56.2410, 57.4149, 63.3763 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(207, 197, 201) }
```


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

```
.border{ border-color:rgb(207, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(207, 197,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2410, 57.4149, 63.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 197, 201) }
```

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

```
.background{ background-color: rgb(207,  
197, 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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