

Converting Colors

XYZ(56.1769, 60.1224, 57.2956)

Have a look what the booklet for
XYZ(56.1769, 60.1224, 57.2956)
contains.

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Color

**XYZ(56.3024, 60.3595,
57.3983)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CDCDBE |
| RGB | 205, 205, 190 |
| RGB Percent | 80%, 80%, 75% |
| CMY | 0.1961, 0.1961, 0.2549 |
| CMYK | 0.00, 0.00, 0.07, 0.20 |
| HSL | 60°, 13%, 77% |
| HSV | 60°, 7%, 80% |
| XYZ | 56.3024, 60.3595, 57.3983 |
| YIQ | 203.2900, 4.8150, -4.6650 |

Conversions

Conversions Part 2

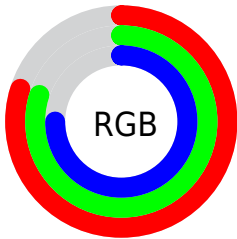
| Format | Color |
|-------------------------------------|---|
| RYB | 190, 205, 190 |
| Decimal | 13487550 |
| CIELab | 82.03, -2.64, 7.46 |
| CIELCh | 82, 7.912, 109.471 |
| Yxy | 60.3595, 0.3235, 0.3468 |
| Android (android.graphics.Color) | 4291677630 (0xFFCDCDBE) |
| YUV | 203.2900, -6.5520, 1.4997 |
| Hunter-Lab | 77.6914, -6.6022, 10.5806 |

Details

The XYZ color **56.3024, 60.3595, 57.3983** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6705, 52.1835, 65.1627**, and the grayscale version is **56.9862, 59.9539, 65.2898**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **28.3445, 30.5187, 28.0637** is the 20% darker color. If you saturate the color by 10%, you get **54.2166, 59.5270, 46.4155**, and if you desaturate by 10%, it is **58.7068, 61.3234, 70.0437**.

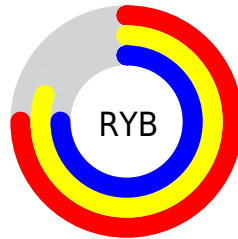
Distribution



Red (80%)

Green (80%)

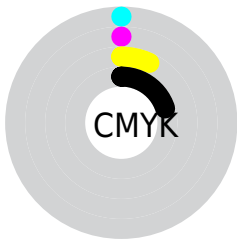
Blue (75%)



Red (75%)

Yellow (80%)

Blue (75%)

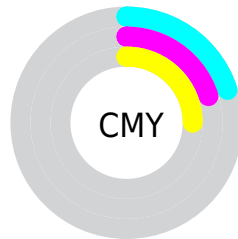


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3024, 60.3595, 57.3983 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 56.3024, 60.3595, 57.3983 by changing the saturation by 10% instead.

■ 56.3024, 60.3595,
57.3983

■ 56.3024, 60.3595,
57.3983

400.8867,
425.9216, 432.4756

■ 40.6834, 43.7085,
40.9136

■ 98.5838, 105.3510,
102.5522

■ 28.2583, 30.4414,
27.9324

125.9769,
134.4602, 132.0585

■ 18.6619, 20.1739,
18.0361

158.0255,
168.4910, 166.7425

■ 11.5288, 12.5215,
10.8062

195.0948,
207.8277, 207.0226

■ 6.4936, 7.0999,
5.8241

237.5502,
252.8547, 253.3175

■ 3.1910, 3.5246,
2.6714

285.7571,

■ 1.2555, 1.4114,

303.9565, 306.0455

0.9290

340.0808,
361.5173, 365.6254

■ 0.1496, 0.2251,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3024, 60.3595,
57.3983

■ 56.3024, 60.3595,
57.3983

■ 54.2166, 59.5270,
46.4155

■ 58.7068, 61.3234,
70.0437

■ 52.4313, 58.8126,
37.0225

■ 61.4370, 62.4157,
84.4126

■ 50.9341, 58.2136,
29.1469

■ 64.5065, 63.6436,
100.5677

■ 49.7100, 57.7238,
22.7090

■ 65.0660, 63.8677,
103.5061

■ 48.7424, 57.3365,
17.6221

■ 65.0676, 63.8685,
103.5062

■ 48.0131, 57.0446,
13.7901

■ 65.0692, 63.8693,
103.5062

■ 47.5014, 56.8398,
11.1041

■ 65.0708, 63.8701,
103.5063

■ 47.1832, 56.7123,
9.4369

■ 65.0724, 63.8710,
103.5064

■ 47.0253, 56.6490,
8.6137

■ 65.0740, 63.8718,
103.5065

Harmonies

Analogous

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



57.9608, 60.3595, 57.0587



56.3024, 60.3595, 57.3983



54.9552, 60.3595, 59.9045

Triad

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



56.3024, 60.3595, 57.3983



55.3012, 60.3595, 72.9886



60.5969, 60.3595, 67.4221

Complementary

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



56.3024, 60.3595, 57.3983



50.6705, 52.1835, 65.1627

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.



59.8543, 60.3595, 71.9029



56.3024, 60.3595, 57.3983



56.7831, 60.3595, 75.2190

Square

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



56.3024, 60.3595, 57.3983



54.3850, 60.3595, 68.8459



58.4508, 60.3595, 74.8122



60.4621, 60.3595, 62.6926

Rectangle

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



56.3024, 60.3595, 57.3983



54.4046, 60.3595, 62.5376



58.4508, 60.3595, 74.8122



60.4410, 60.3595, 69.0111

Sweetspot

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



56.3041, 60.3621, 57.3996



94.2391, 99.6756, 104.6327



52.8865, 53.5252, 56.2601



20.1795, 21.3381, 22.4404



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.



56.3041, 60.3621, 57.3996



91.5702, 98.6078, 90.5881



54.2850, 59.3212, 57.3051



12.1536, 13.0966, 11.9668



29.2545, 35.2566, 5.2633



1.5093, 1.8189, 0.2715

Inverse Universe

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



50.6705, 52.1835, 65.1627



80.2177, 82.1266, 106.2318



52.5918, 53.1740, 65.2526



10.6021, 10.8442, 14.1047



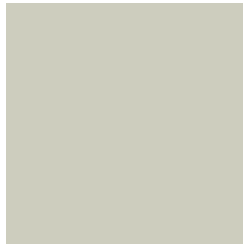
6.8606, 2.7443, 36.1244



0.3540, 0.1416, 1.8636

Previews

White Background



This preview shows how the XYZ color 56.3024, 60.3595, 57.3983 looks on a white background.

Color Contrast Check

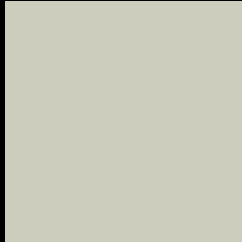
Large Text (above 18pt) WCAG AA × Fail

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 56.3024, 60.3595, 57.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

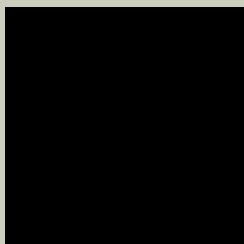
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

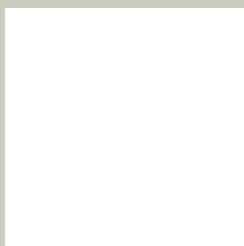
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.3024, 60.3595, 57.3983

Background



This preview shows how black text looks on a background with the XYZ color 56.3024, 60.3595, 57.3983.



This preview shows how white text looks on a background with the XYZ color 56.3024, 60.3595,

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

56.3024, 60.3595, 57.3983

Protanopia

57.4052, 60.2349, 56.7450

Deuteranopia

61.4756, 60.2323, 58.2550



Tritanopia

59.7055, 60.3384, 74.1453

Trichromacy



Original Color

56.3024, 60.3595, 57.3983

Protanomaly

57.0727, 60.4152, 56.7974

Deuteranomaly

59.5734, 60.2858, 57.7867

Tritanomaly

58.3954, 60.1560, 67.5650

Monochromacy



Original Color

56.3024, 60.3595, 57.3983

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6877, 60.1003, 62.0388

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3024, 60.3595, 57.3983 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, 205, 190) looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 190)  
}
```

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, 205, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.3024, 60.3595, 57.3983 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, 205, 190) }
```


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

```
.border{ border-color:rgb(205, 205, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3024, 60.3595, 57.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 190) }
```

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

```
.background{ background-color: rgb(205,  
205, 190) }
```

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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