

Converting Colors

XYZ(56.8478, 60.0451, 52.3097)

Have a look what the booklet for
XYZ(56.8478, 60.0451, 52.3097)
contains.

XYZ(56.8478, 60.0451, 52.3097)	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(56.8478, 60.0451,
52.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CBB5
RGB	212, 203, 181
RGB Percent	83%, 80%, 71%
CMY	0.1686, 0.2039, 0.2902
CMYK	0.00, 0.04, 0.15, 0.17
HSL	43°, 26%, 77%
HSV	43°, 15%, 83%
XYZ	56.8478, 60.0451, 52.3097
YIQ	203.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

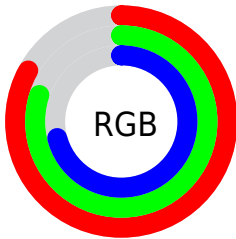
Format	Color
RYB	194, 212, 181
Decimal	13945781
CIELab	81.86, -0.55, 12.09
CIElCh	82, 12.101, 92.609
Yxy	60.0451, 0.3360, 0.3549
Android (android.graphics.Color)	4292135861 (0xFFD4CBB5)
YUV	203.1830, -10.9362, 7.7325
Hunter-Lab	77.4888, -4.6531, 14.2177

Details

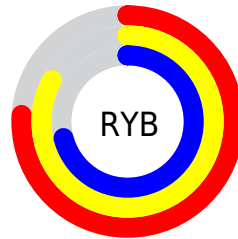
The XYZ color **56.8478, 60.0451, 52.3097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3530, 51.4031, 69.6085**, and the grayscale version is **56.9421, 59.9076, 65.2393**.

A 20% lighter version of the original color is **92.2861, 98.8944, 94.3453**, and **28.5484, 30.2215, 24.7507** is the 20% darker color. If you saturate the color by 10%, you get **53.4123, 56.3942, 41.2367**, and if you desaturate by 10%, it is **60.6752, 63.9491, 65.1478**.

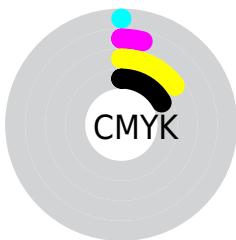
Distribution



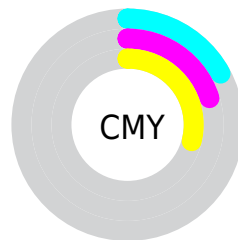
- Red (83%)
- Green (80%)
- Blue (71%)



- Red (76%)
- Yellow (83%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (15%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8478, 60.0451, 52.3097 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 56.8478, 60.0451, 52.3097 by changing the saturation by 10% instead.

■ 56.8478, 60.0451,
52.3097

■ 56.8478, 60.0451,
52.3097

402.9022,
424.7640, 412.6220

■ 41.1227, 43.4550,
36.8680

■ 99.3757, 104.8951,
95.0190

■ 28.6031, 30.2423,
24.8104

126.9093,
133.9238, 123.1238

■ 18.9235, 20.0225,
15.7181

159.1097,
167.8674, 156.2867

■ 11.7187, 12.4114,
9.1727

196.3423,
207.1104, 194.9263

■ 6.6233, 7.0245,
4.7556

238.9725,
252.0372, 239.4611

■ 3.2719, 3.4774,
2.0484

287.3657,

■ 1.2991, 1.3858,

303.0321, 290.3096

0.5848

341.8871,
360.4796, 347.8904

■ 0.1826, 0.2062,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8478, 60.0451,
52.3097

■ 56.8478, 60.0451,
52.3097

■ 53.4123, 56.3942,
41.2367

■ 60.6752, 63.9491,
65.1478

■ 50.3484, 52.9810,
31.8464

■ 64.9044, 68.1051,
79.8211

■ 47.6410, 49.8006,
24.0551

■ 69.5507, 72.5222,
96.4003

■ 45.2718, 46.8445,
17.7708

■ 72.8387, 76.4914,
105.5330

■ 43.2209, 44.1037,
12.8917

■ 74.5576, 79.9292,
106.1060

■ 41.4660, 41.5680,
9.3035

■ 76.3373, 83.4886,
106.6992

■ 39.9812, 39.2260,
6.8739

■ 78.1784, 87.1708,
107.3129

■ 38.7352, 37.0640,
5.4414

■ 80.0815, 90.9770,
107.9473

■ 38.1348, 35.9637,
4.9318

■ 80.9616, 92.7372,
108.2407

Harmonies

Analogous

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



59.3607, 60.0451, 53.6679



56.8478, 60.0451, 52.3097



54.4649, 60.0451, 54.2312

Triad

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



56.8478, 60.0451, 52.3097



53.0329, 60.0451, 73.2561



61.5440, 60.0451, 72.0662

Complementary

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



56.8478, 60.0451, 52.3097



49.3530, 51.4031, 69.6085

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.



59.7591, 60.0451, 77.9583



56.8478, 60.0451, 52.3097



54.8411, 60.0451, 78.6805

Square

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



56.8478, 60.0451, 52.3097



52.3038, 60.0451, 66.0213



57.2949, 60.0451, 80.4616



62.1195, 60.0451, 64.7407

Rectangle

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



56.8478, 60.0451, 52.3097



53.2570, 60.0451, 57.2036



57.2949, 60.0451, 80.4616



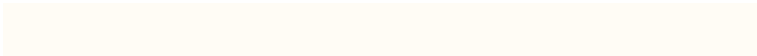
61.0630, 60.0451, 74.2982

Sweetspot

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



56.8494, 60.0478, 52.3110



92.5139, 97.4864, 100.1669



53.0030, 50.7764, 55.8953



19.7021, 20.7664, 21.0993



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.



56.8494, 60.0478, 52.3110



84.4181, 89.1826, 73.1512



57.2827, 63.5170, 52.9578



13.1543, 13.8828, 13.1470



23.6323, 22.3819, 3.0746



1.4950, 1.4892, 0.2087

Inverse Universe

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



49.3530, 51.4031, 69.6085



70.6057, 73.2556, 105.0262



48.9508, 48.3921, 69.0485



12.0333, 12.5900, 15.7334



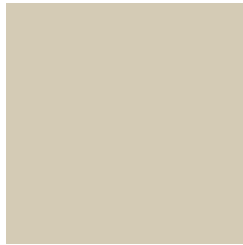
8.4591, 5.1799, 39.0071



0.5811, 0.4542, 2.3764

Previews

White Background



This preview shows how the XYZ color 56.8478, 60.0451, 52.3097 looks on a white background.

Color Contrast Check

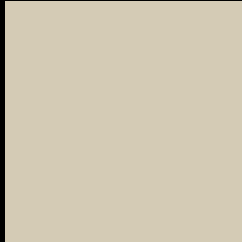
Large Text (above 18pt) WCAG AA × Fail

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 56.8478, 60.0451, 52.3097 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

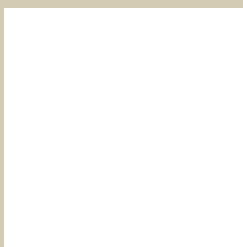
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8478, 60.0451, 52.3097

Background



This preview shows how black text looks on a background with the XYZ color 56.8478, 60.0451, 52.3097.

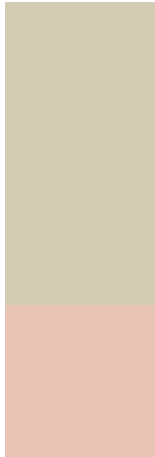


This preview shows how white text looks on a background with the XYZ color 56.8478, 60.0451,

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

56.8478, 60.0451, 52.3097

Protanopia

56.8478, 60.0451, 52.3097

Deuteranopia

61.1384, 59.8462, 52.5851



Tritanopia

60.6506, 59.8421, 71.9724

Trichromacy



Original Color

56.8478, 60.0451, 52.3097

Protanomaly

56.8478, 60.0451, 52.3097

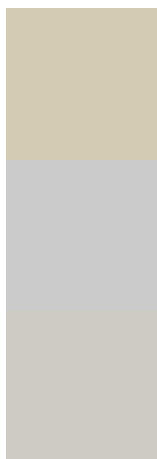
Deuteranomaly

59.6074, 60.0715, 52.7093

Tritanomaly

59.3393, 60.0199, 64.3346

Monochromacy



Original Color

56.8478, 60.0451, 52.3097

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.6599, 59.7738, 60.1810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8478, 60.0451, 52.3097 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(212, 203, 181) looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 181)  
}
```

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(212, 203, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 181) }
```

Border

The CSS property to change the border of an element to XYZ 56.8478, 60.0451, 52.3097 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(212, 203, 181) }
```


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

```
.border{ border-color:rgb(212, 203, 181) }
```

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

Here you see how a box with a 4 pixel rgb(212, 203, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 181);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8478, 60.0451, 52.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 181) }
```

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

```
.background{ background-color: rgb(212,  
203, 181) }
```

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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