

Converting Colors

XYZ(54.8396, 57.0844, 53.0015)

Have a look what the booklet for
XYZ(54.8396, 57.0844, 53.0015)
contains.

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Color

**XYZ(54.8080, 56.9067,
52.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C5B7
RGB	209, 197, 183
RGB Percent	82%, 77%, 72%
CMY	0.1804, 0.2274, 0.2823
CMYK	0.00, 0.06, 0.12, 0.18
HSL	32°, 22%, 77%
HSV	32°, 12%, 82%
XYZ	54.8080, 56.9067, 52.8951
YIQ	198.9920, 11.6460, -1.8100

Conversions

Conversions Part 2

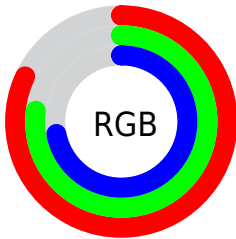
Format	Color
R _Y B	205, 209, 183
Decimal	13747639
CIE Lab	80.13, 1.83, 8.51
CIE LCh	80, 8.708, 77.868
Yxy	56.9067, 0.3330, 0.3457
Android (android.graphics.Color)	4291937719 (0xFFD1C5B7)
YUV	198.9920, -7.8841, 8.7770
Hunter-Lab	75.4365, -2.3257, 11.2322

Details

The XYZ color **54.8080, 56.9067, 52.8951** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.5520, 53.6999, 68.0230**, and the grayscale version is **54.3242, 57.1533, 62.2399**.

A 20% lighter version of the original color is **92.2618, 98.3756, 95.7870**, and **27.1782, 28.1267, 25.1156** is the 20% darker color. If you saturate the color by 10%, you get **50.6726, 51.8621, 41.5693**, and if you desaturate by 10%, it is **59.4097, 62.3657, 65.9714**.

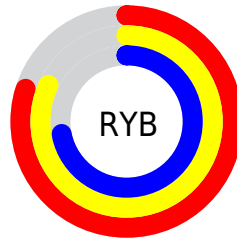
Distribution



Red (82%)

Green (77%)

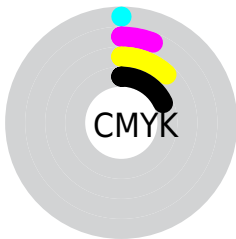
Blue (72%)



Red (80%)

Yellow (82%)

Blue (72%)

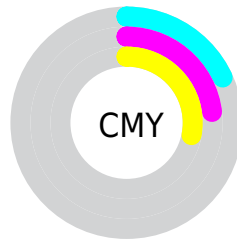


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (18%)



Cyan (18%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8080, 56.9067, 52.8951 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 54.8080, 56.9067, 52.8951 by changing the saturation by 10% instead.


 54.8080, 56.9067,
52.8951

 54.8080, 56.9067,
52.8951


395.3320,
413.0996, 414.9374

 39.4813, 40.9303,
37.3319


 96.4096, 100.3290,
95.8900

 27.3167, 28.2647,
25.1668

123.4151,
128.5438, 124.1587

 17.9491, 18.5253,
15.9812


155.0442,
161.6068, 157.4997

 11.0129, 11.3277,
9.3566

191.6624,
199.9025, 196.3315

 6.1429, 6.2877,
4.8745

233.6349,
243.8152, 241.0726

 2.9736, 3.0208,
2.1164

281.3271,

 1.1398, 1.1426,

293.7294, 292.1416

0.6255

335.1043,
350.0294, 349.9570

■ 0.0580, 0.0141,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8080, 56.9067,
52.8951

■ 54.8080, 56.9067,
52.8951

■ 50.6726, 51.8621,
41.5693

■ 59.4097, 62.3657,
65.9714

■ 46.9820, 47.2136,
31.9148

■ 64.4888, 68.2419,
80.8654

■ 43.7199, 42.9522,
23.8516

■ 70.0620, 74.5479,
97.6454

■ 40.8670, 39.0657,
17.2917

■ 74.2186, 80.5232,
106.2385

■ 38.4022, 35.5412,
12.1384

■ 77.0639, 86.2136,
107.1869

■ 36.3023, 32.3647,
8.2836

■ 80.0612, 92.2083,
108.1860

■ 34.5408, 29.5207,
5.6033

■ 80.1048, 92.2954,
108.2006

■ 33.0865, 26.9917,
3.9485

■ 32.1521, 25.2701,
3.1830

Harmonies

Analogous

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



56.4083, 56.9067, 54.9972



54.8080, 56.9067, 52.8951



53.0485, 56.9067, 53.1231

Triad

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



54.8080, 56.9067, 52.8951



50.9068, 56.9067, 65.0070



56.6568, 56.9067, 68.7474

Complementary

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



54.8080, 56.9067, 52.8951



50.5520, 53.6999, 68.0230

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.



55.1412, 56.9067, 71.7301



54.8080, 56.9067, 52.8951



51.8324, 56.9067, 69.4908

Square

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



54.8080, 56.9067, 52.8951



50.8220, 56.9067, 59.9317



53.3746, 56.9067, 72.0094



57.4912, 56.9067, 64.0371

Rectangle

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



54.8080, 56.9067, 52.8951



52.0216, 56.9067, 54.5669



53.3746, 56.9067, 72.0094



56.2086, 56.9067, 69.9962

Sweetspot

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



54.8096, 56.9092, 52.8963



91.9679, 96.3943, 99.9849



53.0941, 51.3692, 58.8264



19.5638, 20.4898, 21.0532



0.0000, 0.0000, 0.0000



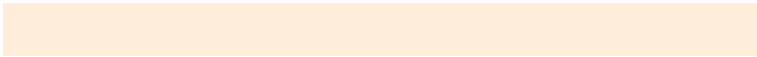
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8096, 56.9092, 52.8963



84.1181, 87.0291, 77.8401



57.3983, 62.4497, 53.8293



12.3286, 12.8478, 12.4421



19.9235, 15.7800, 1.9958



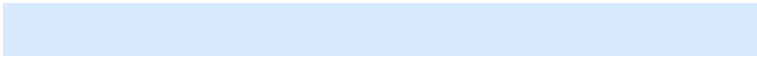
1.1929, 1.0402, 0.1379

Inverse Universe

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



50.5520, 53.6999, 68.0230



76.1273, 81.0060, 106.2311



48.1781, 48.6451, 67.1724



11.6067, 12.3037, 15.0068



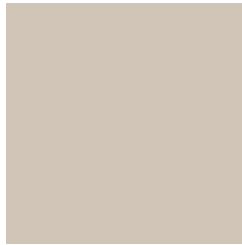
9.7956, 8.2377, 38.2663



0.6267, 0.6185, 2.1659

Previews

White Background



This preview shows how the XYZ color 54.8080, 56.9067, 52.8951 looks on a white background.

Color Contrast Check

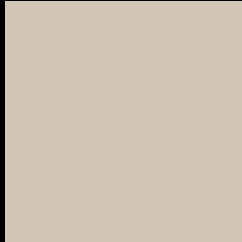
Large Text (above 18pt) WCAG AA × Fail

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 54.8080, 56.9067, 52.8951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

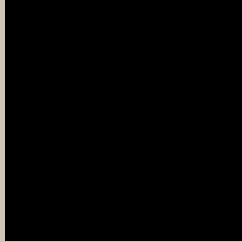
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8080, 56.9067, 52.8951

Background



This preview shows how black text looks on a background with the XYZ color 54.8080, 56.9067, 52.8951.



This preview shows how white text looks on a background with the XYZ color 54.8080, 56.9067,

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

54.8080, 56.9067, 52.8951

Protanopia

54.2994, 56.9707, 53.4820

Deuteranopia

57.9328, 56.8479, 53.2668



Tritanopia

57.6065, 56.6910, 67.5808

Trichromacy



Original Color

54.8080, 56.9067, 52.8951

Protanomaly

54.5779, 57.1143, 53.4950

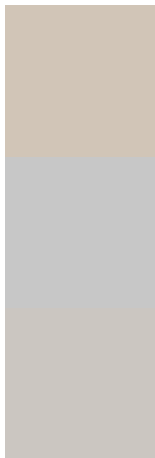
Deuteranomaly

56.8570, 56.9497, 53.3431

Tritanomaly

56.4646, 56.5560, 61.9732

Monochromacy



Original Color

54.8080, 56.9067, 52.8951

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4483, 56.9349, 58.5719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8080, 56.9067, 52.8951 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(209, 197, 183) looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 183)  
}
```

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(209, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 183) }
```

Border

The CSS property to change the border of an element to XYZ 54.8080, 56.9067, 52.8951 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(209, 197, 183) }
```


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

```
.border{ border-color:rgb(209, 197, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8080, 56.9067, 52.8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 183) }
```

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

```
.background{ background-color: rgb(209,  
197, 183) }
```

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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