

Converting Colors

XYZ(52.7971, 56.0660, 54.6714)

Have a look what the booklet for
XYZ(52.7971, 56.0660, 54.6714)
contains.

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Color

**XYZ(52.8764, 56.2127,
54.5176)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C8C6BA |
| RGB | 200, 198, 186 |
| RGB Percent | 78%, 78%, 73% |
| CMY | 0.2157, 0.2235, 0.2706 |
| CMYK | 0.00, 0.01, 0.07, 0.22 |
| HSL | 51°, 11%, 76% |
| HSV | 51°, 7%, 78% |
| XYZ | 52.8764, 56.2127, 54.5176 |
| YIQ | 197.2300, 5.0440, -3.3080 |

Conversions

Conversions Part 2

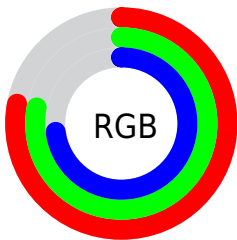
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 188, 200, 186 |
| Decimal | 13158074 |
| CIELab | 79.73, -1.43, 6.25 |
| CIELCh | 80, 6.407, 102.863 |
| Yxy | 56.2127, 0.3232, 0.3436 |
| Android (android.graphics.Color) | 4291348154 (0xFFC8C6BA) |
| YUV | 197.2300, -5.5364, 2.4293 |
| Hunter-Lab | 74.9751, -5.3189, 9.3703 |

Details

The XYZ color **52.8764, 56.2127, 54.5176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6581, 50.5748, 61.8415**, and the grayscale version is **53.2414, 56.0141, 60.9994**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **26.0610, 27.7510, 26.1732** is the 20% darker color. If you saturate the color by 10%, you get **50.2522, 54.1317, 43.8769**, and if you desaturate by 10%, it is **55.8136, 58.4422, 66.7323**.

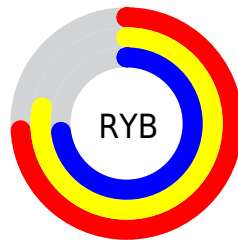
Distribution



Red (78%)

Green (78%)

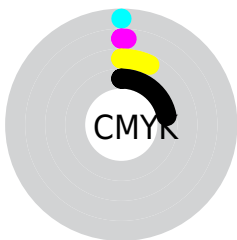
Blue (73%)



Red (74%)

Yellow (78%)

Blue (73%)

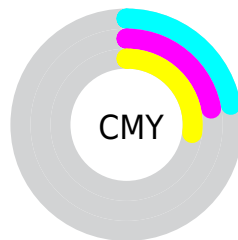


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8764, 56.2127, 54.5176 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 52.8764, 56.2127, 54.5176 by changing the saturation by 10% instead.

■ 52.8764, 56.2127,
54.5176

■ 52.8764, 56.2127,
54.5176

388.0794,
410.4926, 421.3110

■ 37.9312, 40.3735,
38.6196

■ 93.5891, 99.3155,
98.2979

■ 26.1063, 27.8299,
26.1584

120.0872,
127.3479, 127.0172

■ 17.0362, 18.1974,
16.7154

151.1671,
160.2134, 160.8475

■ 10.3558, 11.0918,
9.8719

187.1940,
198.2965, 200.2072

■ 5.6996, 6.1286,
5.2096

228.5334,
241.9816, 245.5148

■ 2.7022, 2.9235,
2.3099

275.5505,

■ 0.9983, 1.0919,

291.6531, 297.1890

0.7368

328.6107,
347.6952, 355.6482

■ 0.0000, 0.0000,
0.0000

■ 52.8764, 56.2127,
54.5176

■ 52.8764, 56.2127,
54.5176

■ 50.2522, 54.1317,
43.8769

■ 55.8136, 58.4422,
66.7323

■ 47.9241, 52.1869,
34.7418

■ 59.0708, 60.8176,
80.5783

■ 45.8803, 50.3752,
27.0443

■ 62.6607, 63.3458,
96.1145

■ 44.1066, 48.6909,
20.7096

■ 64.7710, 65.3023,
103.7985

■ 42.5875, 47.1276,
15.6562

■ 65.4788, 66.7177,
104.0344

■ 41.3058, 45.6784,
11.7942

■ 66.1991, 68.1583,
104.2745

■ 40.2421, 44.3353,
9.0214

■ 66.9320, 69.6242,
104.5189

■ 39.3737, 43.0893,
7.2192

■ 67.6777, 71.1156,
104.7674

■ 38.6702, 41.9280,
6.2271

■ 68.4362, 72.6326,
105.0203

Harmonies

Analogous

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



54.1651, 56.2127, 54.6450



52.8764, 56.2127, 54.5176



51.7535, 56.2127, 56.1294

Triad

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



52.8764, 56.2127, 54.5176



51.6251, 56.2127, 66.1833



55.8420, 56.2127, 63.3302

Complementary

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



52.8764, 56.2127, 54.5176



48.6581, 50.5748, 61.8415

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.



55.1392, 56.2127, 66.5800



52.8764, 56.2127, 54.5176



52.6986, 56.2127, 68.2723

Square

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



52.8764, 56.2127, 54.5176



51.0390, 56.2127, 62.8064



53.9844, 56.2127, 68.4204



55.8915, 56.2127, 59.6331

Rectangle

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



52.8764, 56.2127, 54.5176



51.2444, 56.2127, 58.0126



53.9844, 56.2127, 68.4204



55.6738, 56.2127, 64.5147

Sweetspot

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



52.8780, 56.2151, 54.5188



94.0081, 99.2128, 104.5555



50.4669, 51.0331, 54.8247



20.1325, 21.2439, 22.4247



0.0000, 0.0000, 0.0000



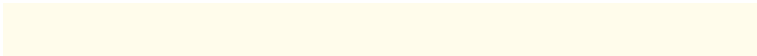
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8780, 56.2151, 54.5188



91.0168, 96.9134, 92.2037



52.0494, 56.4698, 54.6116



11.3900, 12.1492, 11.3075



24.5134, 26.5440, 3.8315



1.1970, 1.3294, 0.1935

Inverse Universe

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



48.6581, 50.5748, 61.8415



82.6106, 85.6774, 106.7911



49.4457, 50.3522, 61.7570



10.1767, 10.5274, 13.4131



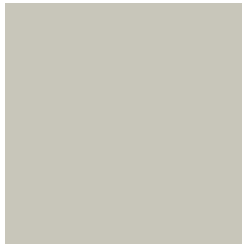
6.9405, 3.2750, 35.0107



0.3691, 0.2360, 1.6712

Previews

White Background



This preview shows how the XYZ color 52.8764, 56.2127, 54.5176 looks on a white background.

Color Contrast Check

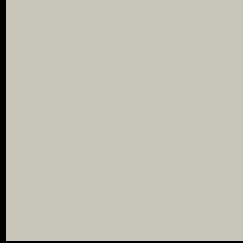
Large Text (above 18pt) WCAG AA × Fail

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 52.8764, 56.2127, 54.5176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

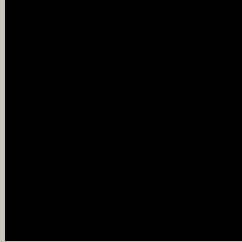
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

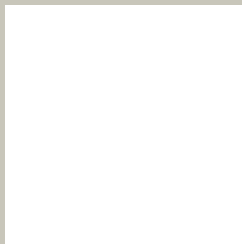
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8764, 56.2127, 54.5176

Background



This preview shows how black text looks on a background with the XYZ color 52.8764, 56.2127, 54.5176.



This preview shows how white text looks on a background with the XYZ color 52.8764, 56.2127,

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

52.8764, 56.2127, 54.5176

Protanopia

53.6250, 56.2727, 53.9343

Deuteranopia

57.1156, 56.0651, 54.8250



Tritanopia

55.5532, 55.9332, 68.8410

Trichromacy



Original Color

52.8764, 56.2127, 54.5176

Protanomaly

53.3518, 56.1318, 53.9215

Deuteranomaly

55.7020, 56.3176, 54.9483

Tritanomaly

54.4148, 55.8038, 63.1616

Monochromacy



Original Color

52.8764, 56.2127, 54.5176

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8806, 55.7885, 58.4332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8764, 56.2127, 54.5176 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(200, 198, 186) looks like.

```
.text, #text, p{  
    color:rgb(200, 198, 186)  
}
```

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(200, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 198, 186) }
```

Border

The CSS property to change the border of an element to XYZ 52.8764, 56.2127, 54.5176 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(200, 198, 186) }
```


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

```
.border{ border-color:rgb(200, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 198,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8764, 56.2127, 54.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 198, 186) }
```

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

```
.background{ background-color: rgb(200,  
198, 186) }
```

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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