

Converting Colors

XYZ(53.8713, 56.4160, 50.0665)

Have a look what the booklet for
XYZ(53.8713, 56.4160, 50.0665)
contains.

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Color

**XYZ(54.0146, 56.5568,
50.1892)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D0C5B2 |
| RGB | 208, 197, 178 |
| RGB Percent | 82%, 77%, 70% |
| CMY | 0.1843, 0.2274, 0.3020 |
| CMYK | 0.00, 0.05, 0.14, 0.18 |
| HSL | 38°, 24%, 76% |
| HSV | 38°, 14%, 82% |
| XYZ | 54.0146, 56.5568, 50.1892 |
| YIQ | 198.1230, 12.6550, -3.5770 |

Conversions

Conversions Part 2

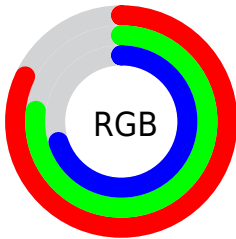
| Format | Color |
|-------------------------------------|---|
| RYB | 195, 208, 178 |
| Decimal | 13682098 |
| CIELab | 79.93, 0.66, 10.90 |
| CIELCh | 80, 10.921, 86.519 |
| Yxy | 56.5568, 0.3360, 0.3518 |
| Android (android.graphics.Color) | 4291872178 (0xFFD0C5B2) |
| YUV | 198.1230, -9.9206, 8.6621 |
| Hunter-Lab | 75.2043, -3.4019, 13.0745 |

Details

The XYZ color **54.0146, 56.5568, 50.1892** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9427, 50.4133, 66.8789**, and the grayscale version is **53.8056, 56.6077, 61.6458**.

A 20% lighter version of the original color is **91.5331, 98.0841, 91.9497**, and **26.6610, 27.8979, 23.3817** is the 20% darker color. If you saturate the color by 10%, you get **50.3954, 52.4107, 39.4487**, and if you desaturate by 10%, it is **58.0411, 61.0097, 62.6291**.

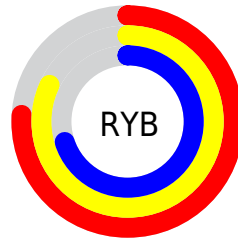
Distribution



Red (82%)

Green (77%)

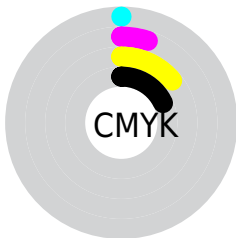
Blue (70%)



Red (76%)

Yellow (82%)

Blue (70%)

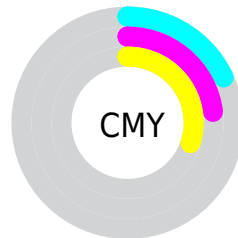


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (18%)



Cyan (18%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0146, 56.5568, 50.1892 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 54.0146, 56.5568, 50.1892 by changing the saturation by 10% instead.

■ 54.0146, 56.5568,
50.1892

■ 54.0146, 56.5568,
50.1892

392.3631,
411.7865, 404.1616

■ 38.8440, 40.6495,
35.1915

■ 95.2524, 99.8182,
91.8543

■ 26.8186, 28.0453,
23.5257

122.0505,
127.9411, 119.3589

■ 17.5729, 18.3598,
14.7732

153.4550,
160.9047, 151.8694

■ 10.7416, 11.2086,
8.5155

189.8314,
199.0934, 189.8046

■ 5.9594, 6.2073,
4.3341

231.5451,
242.8915, 233.5828

■ 2.8608, 2.9716,
1.8104

278.9614,

■ 1.0806, 1.1169,

292.6834, 283.6227

0.4348

332.4456,
348.8536, 340.3428

■ 0.0088, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0146, 56.5568,
50.1892

■ 54.0146, 56.5568,
50.1892

■ 50.3954, 52.4107,
39.4487

■ 58.0411, 61.0097,
62.6291

■ 47.1635, 48.5557,
30.3288

■ 62.4850, 65.7698,
76.8355

■ 44.3038, 44.9855,
22.7497

■ 67.3615, 70.8469,
92.8759

■ 41.7983, 41.6908,
16.6233

■ 71.6689, 75.8424,
105.4694

39.6273, 38.6615,
11.8526

73.8066, 80.1179,
106.1820

37.7687, 35.8866,
8.3286

76.0380, 84.5806,
106.9258

36.1974, 33.3536,
5.9253

78.3640, 89.2327,
107.7012

34.8828, 31.0480,
4.4895

79.8227, 92.1500,
108.1874

34.2317, 29.8482,
3.9571

Harmonies

Analogous

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



56.1398, 56.5568, 51.9561



54.0146, 56.5568, 50.1892



51.8760, 56.5568, 51.2975

Triad

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



54.0146, 56.5568, 50.1892



50.0335, 56.5568, 67.1896



57.3871, 56.5568, 68.5586

Complementary

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



54.0146, 56.5568, 50.1892



47.9427, 50.4133, 66.8789

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.



55.6799, 56.5568, 73.1539



54.0146, 56.5568, 50.1892



51.4398, 56.5568, 72.3262

Square

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



54.0146, 56.5568, 50.1892



49.6150, 56.5568, 60.8430



53.4973, 56.5568, 74.5774



58.1203, 56.5568, 62.3244

Rectangle

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



54.0146, 56.5568, 50.1892



50.7237, 56.5568, 53.5621



53.4973, 56.5568, 74.5774



56.9059, 56.5568, 70.3623

Sweetspot

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



54.0161, 56.5593, 50.1904



92.2698, 96.9982, 100.0856



51.1188, 48.9256, 54.8942



19.6402, 20.6427, 21.0787



0.0000, 0.0000, 0.0000



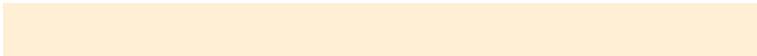
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0161, 56.5593, 50.1904



83.9785, 87.7938, 74.5759



55.4942, 61.1641, 51.0013



12.4240, 13.0386, 12.4739



21.4298, 18.7927, 2.4979



1.2725, 1.1993, 0.1644

Inverse Universe

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



47.9427, 50.4133, 66.8789



72.7173, 76.3986, 105.5215



46.5977, 46.3408, 66.1637



11.5134, 12.1171, 14.9757



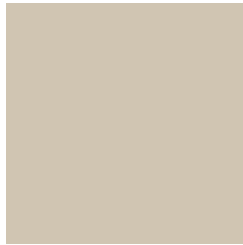
8.8015, 6.2496, 37.9349



0.5669, 0.4991, 2.1460

Previews

White Background



This preview shows how the XYZ color 54.0146, 56.5568, 50.1892 looks on a white background.

Color Contrast Check

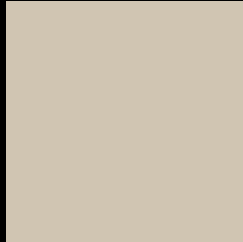
Large Text (above 18pt) WCAG AA × Fail

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 54.0146, 56.5568, 50.1892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

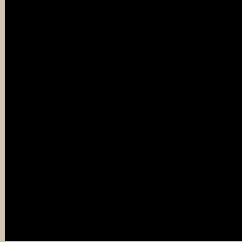
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

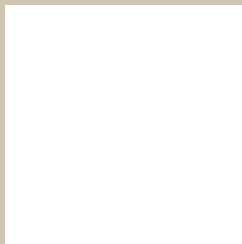
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0146, 56.5568, 50.1892

Background



This preview shows how black text looks on a background with the XYZ color 54.0146, 56.5568, 50.1892.



This preview shows how white text looks on a background with the XYZ color 54.0146, 56.5568,

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

54.0146, 56.5568, 50.1892

Protanopia

53.6836, 56.7243, 50.2389

Deuteranopia

57.5080, 56.3636, 50.4961



Tritanopia

57.6065, 56.6910, 67.5808

Trichromacy



Original Color

54.0146, 56.5568, 50.1892

Protanomaly

53.9621, 56.8679, 50.2520

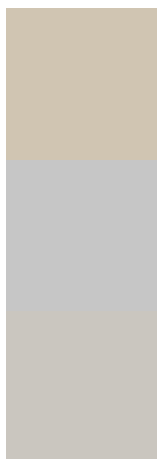
Deuteranomaly

56.1201, 56.3000, 50.5570

Tritanomaly

56.2338, 56.4637, 60.7581

Monochromacy



Original Color

54.0146, 56.5568, 50.1892

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9552, 56.7063, 57.3919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0146, 56.5568, 50.1892 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(208, 197, 178)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 178)  
}
```

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(208, 197, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.0146, 56.5568, 50.1892 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(208, 197, 178) }
```


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

```
.border{ border-color:rgb(208, 197, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0146, 56.5568, 50.1892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 178) }
```

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

```
.background{ background-color: rgb(208,  
197, 178) }
```

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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