

Converting Colors

XYZ(54.6588, 56.6813, 56.2905)

Have a look what the booklet for
XYZ(54.6588, 56.6813, 56.2905)
contains.

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Color

**XYZ(54.6052, 56.7284,
56.2158)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC5BD
RGB	206, 197, 189
RGB Percent	81%, 77%, 74%
CMY	0.1922, 0.2274, 0.2588
CMYK	0.00, 0.04, 0.08, 0.19
HSL	28°, 15%, 77%
HSV	28°, 8%, 81%
XYZ	54.6052, 56.7284, 56.2158
YIQ	198.7790, 7.9320, -0.5800

Conversions

Conversions Part 2

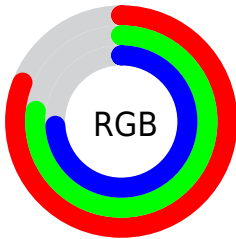
Format	Color
R _Y B	206, 204, 189
Decimal	13551037
CIE Lab	80.03, 1.75, 5.12
CIE LCh	80, 5.408, 71.125
Yxy	56.7284, 0.3259, 0.3386
Android (android.graphics.Color)	4291741117 (0xFFCEC5BD)
YUV	198.7790, -4.8210, 6.3328
Hunter-Lab	75.3183, -2.3957, 8.4701

Details

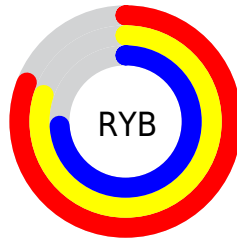
The XYZ color **54.6052, 56.7284, 56.2158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3210, 55.6625, 66.3797**, and the grayscale version is **54.1775, 56.9989, 62.0718**.

A 20% lighter version of the original color is **93.1632, 98.7362, 100.5340**, and **27.2153, 28.0979, 27.2816** is the 20% darker color. If you saturate the color by 10%, you get **50.1399, 51.1254, 44.4677**, and if you desaturate by 10%, it is **59.5703, 62.8215, 69.6989**.

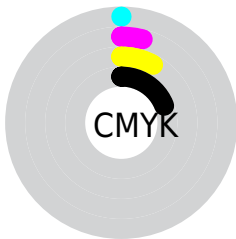
Distribution



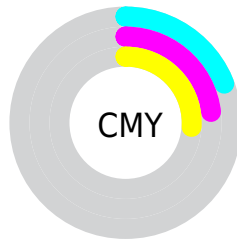
- Red (81%)
- Green (77%)
- Blue (74%)



- Red (81%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6052, 56.7284, 56.2158 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 54.6052, 56.7284, 56.2158 by changing the saturation by 10% instead.

■ 54.6052, 56.7284,
56.2158

■ 54.6052, 56.7284,
56.2158

394.5744,
412.4308, 427.9154

■ 39.3183, 40.7872,
39.9708

■ 96.1140, 100.0688,
100.8090

■ 27.1893, 28.1529,
27.2022

123.0666,
128.2368, 129.9942

■ 17.8528, 18.4409,
17.4913

154.6384,
161.2492, 164.3300

■ 10.9434, 11.2670,
10.4198

191.1949,
199.4903, 204.2348

■ 6.0958, 6.2467,
5.5689

233.1014,
243.3447, 250.1272

■ 2.9446, 2.9957,
2.5203

280.7233,

■ 1.1245, 1.1295,

293.1966, 302.4258

0.8509

334.4258,
349.4305, 361.5490

■ 0.0455, 0.0029,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6052, 56.7284,
56.2158

■ 54.6052, 56.7284,
56.2158

■ 50.1399, 51.1254,
44.4677

■ 59.5703, 62.8215,
69.6989

■ 46.1527, 45.9922,
34.3794

■ 65.0468, 69.4096,
84.9806

■ 42.6270, 41.3178,
25.8759

■ 71.0515, 76.5070,
102.1256

■ 39.5433, 37.0881,
18.8747

■ 74.8445, 83.0231,
106.6881

■ 36.8807, 33.2878,
13.2856

■ 78.1618, 89.6577,
107.7938

■ 34.6161, 29.9010,
9.0091

■ 79.2640, 91.8620,
108.1612

■ 32.7238, 26.9100,
5.9320

■ 31.1743, 24.2955,
3.9216

■ 29.9250, 22.0325,
2.7789

Harmonies

Analogous

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



55.5263, 56.7284, 57.8718



54.6052, 56.7284, 56.2158



53.5119, 56.7284, 56.0172

Triad

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



54.6052, 56.7284, 56.2158



51.8715, 56.7284, 62.9428



55.3206, 56.7284, 66.4398

Complementary

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



54.6052, 56.7284, 56.2158



52.3210, 55.6625, 66.3797

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.



54.3274, 56.7284, 67.8986



54.6052, 56.7284, 56.2158



52.3423, 56.7284, 65.8344

Square

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



54.6052, 56.7284, 56.2158



51.9436, 56.7284, 59.8302



53.2379, 56.7284, 67.6734



55.9432, 56.7284, 63.7463

Rectangle

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



54.6052, 56.7284, 56.2158



52.8336, 56.7284, 56.7300



53.2379, 56.7284, 67.6734



55.0184, 56.7284, 67.0949

Sweetspot

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



54.6068, 56.7309, 56.2170



93.3847, 97.9659, 104.3477



53.8528, 53.5982, 60.9744



20.0057, 20.9901, 22.3824



0.0000, 0.0000, 0.0000



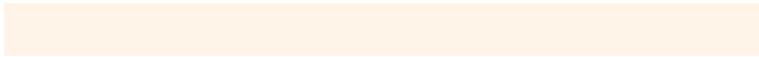
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6068, 56.7309, 56.2170



87.0578, 90.1552, 87.3086



56.5749, 60.6671, 56.8730



11.6405, 12.0700, 11.7957



18.4003, 13.5336, 1.6424



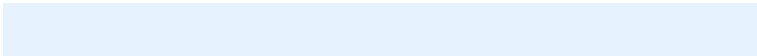
1.0250, 0.8497, 0.1100

Inverse Universe

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



52.3210, 55.6625, 66.3797



82.5719, 88.0585, 107.2527



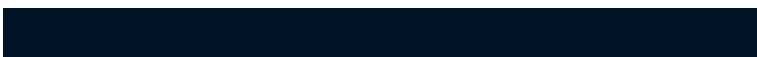
50.4474, 51.9154, 65.7551



11.0850, 11.8103, 14.2658



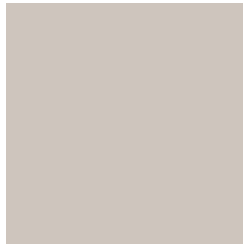
10.3265, 9.6770, 37.2798



0.6084, 0.6505, 1.9484

Previews

White Background



This preview shows how the XYZ color 54.6052, 56.7284, 56.2158 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 54.6052, 56.7284, 56.2158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

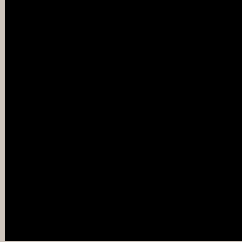
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

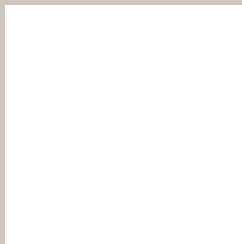
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6052, 56.7284, 56.2158

Background



This preview shows how black text looks on a background with the XYZ color 54.6052, 56.7284, 56.2158.

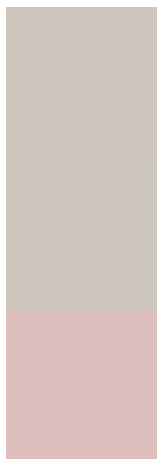


This preview shows how white text looks on a background with the XYZ color 54.6052, 56.7284,

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

54.6052, 56.7284, 56.2158

Protanopia

54.2812, 56.8997, 56.2659

Deuteranopia

57.9627, 56.7891, 56.6216



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

54.6052, 56.7284, 56.2158

Protanomaly

54.5562, 57.0414, 56.2788

Deuteranomaly

56.9050, 56.9002, 56.6988

Tritanomaly

56.1882, 56.7044, 63.8607

Monochromacy



Original Color

54.6052, 56.7284, 56.2158

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4015, 56.8849, 59.7424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6052, 56.7284, 56.2158 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(206, 197, 189) looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 189)  
}
```

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(206, 197, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.6052, 56.7284, 56.2158 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(206, 197, 189) }
```


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

```
.border{ border-color:rgb(206, 197, 189) }
```

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

Here you see how a box with a 4 pixel rgb(206, 197, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 189);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6052, 56.7284, 56.2158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 189) }
```

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

```
.background{ background-color: rgb(206,  
197, 189) }
```

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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