

Converting Colors

XYZ(54.4515, 56.7047, 54.7677)

Have a look what the booklet for
XYZ(54.4515, 56.7047, 54.7677)
contains.

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Color

**XYZ(54.2828, 56.5995,
54.5182)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CEC5BA |
| RGB | 206, 197, 186 |
| RGB Percent | 81%, 77%, 73% |
| CMY | 0.1922, 0.2274, 0.2706 |
| CMYK | 0.00, 0.04, 0.10, 0.19 |
| HSL | 33°, 17%, 77% |
| HSV | 33°, 10%, 81% |
| XYZ | 54.2828, 56.5995, 54.5182 |
| YIQ | 198.4370, 8.8950, -1.5130 |

Conversions

Conversions Part 2

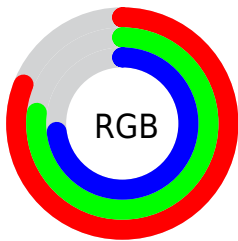
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 202, 206, 186 |
| Decimal | 13551034 |
| CIE Lab | 79.95, 1.24, 6.62 |
| CIE LCh | 80, 6.739, 79.366 |
| Yxy | 56.5995, 0.3282, 0.3422 |
| Android (android.graphics.Color) | 4291741114 (0xFFCEC5BA) |
| YUV | 198.4370, -6.1314, 6.6328 |
| Hunter-Lab | 75.2326, -2.8636, 9.6977 |

Details

The XYZ color **54.2828, 56.5995, 54.5182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9053, 53.9247, 66.1186**, and the grayscale version is **53.9761, 56.7871, 61.8411**.

A 20% lighter version of the original color is **92.7088, 98.5544, 98.1410**, and **27.0050, 28.0138, 26.1742** is the 20% darker color. If you saturate the color by 10%, you get **50.2095, 51.7082, 43.1235**, and if you desaturate by 10%, it is **58.8043, 61.8808, 67.6213**.

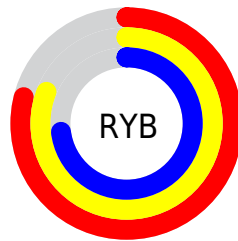
Distribution



Red (81%)

Green (77%)

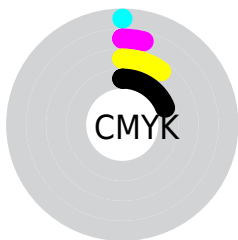
Blue (73%)



Red (79%)

Yellow (81%)

Blue (73%)

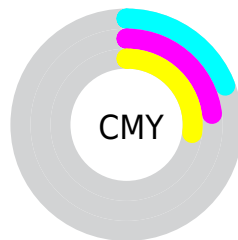


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (19%)



Cyan (19%)

Magenta (23%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2828, 56.5995, 54.5182 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 54.2828, 56.5995, 54.5182 by changing the saturation by 10% instead.

■ 54.2828, 56.5995,
54.5182

■ 54.2828, 56.5995,
54.5182

393.3683,
411.9469, 421.3134

■ 39.0594, 40.6838,
38.6201

■ 95.6438, 99.8806,
98.2987

■ 26.9868, 28.0721,
26.1588

122.5121,
128.0147, 127.0183

■ 17.6999, 18.3800,
16.7156

153.9927,
160.9904, 160.8487

■ 10.8331, 11.2232,
9.8721

190.4510,
199.1922, 200.2086

■ 6.0212, 6.2171,
5.2098

232.2524,
243.0043, 245.5165

■ 2.8988, 2.9776,
2.3100

279.7621,

■ 1.1004, 1.1200,

292.8112, 297.1909

0.7368

333.3457,
348.9972, 355.6503

■ 0.0255, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2828, 56.5995,
54.5182

■ 54.2828, 56.5995,
54.5182

■ 50.2095, 51.7082,
43.1235

■ 58.8043, 61.8808,
67.6213

■ 46.5640, 47.1894,
33.3621

■ 63.7843, 67.5541,
82.4966

■ 43.3312, 43.0352,
25.1584

■ 69.2385, 73.6312,
99.2088

■ 40.4929, 39.2344,
18.4295

■ 72.9465, 79.2272,
106.0554

■ 38.0295, 35.7751,
13.0847

■ 75.6550, 84.6442,
106.9583

■ 35.9196, 32.6446,
9.0232

■ 78.5035, 90.3413,
107.9078

■ 34.1388, 29.8288,
6.1301

■ 79.2639, 91.8620,
108.1612

■ 32.6587, 27.3120,
4.2697

■ 31.4306, 25.0701,
3.1997

Harmonies

Analogous

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



55.5267, 56.5995, 56.0871



54.2828, 56.5995, 54.5182



52.9289, 56.5995, 54.7922

Triad

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



54.2828, 56.5995, 54.5182



51.3533, 56.5995, 64.1584



55.8164, 56.5995, 66.6626

Complementary

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



54.2828, 56.5995, 54.5182



50.9053, 53.9247, 66.1186

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.



54.6728, 56.5995, 69.0083



54.2828, 56.5995, 54.5182



52.1019, 56.5995, 67.5207

Square

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



54.2828, 56.5995, 54.5182



51.2529, 56.5995, 60.2480



53.3124, 56.5995, 69.3289



56.4221, 56.5995, 63.0273

Rectangle

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



54.2828, 56.5995, 54.5182



52.1455, 56.5995, 55.9866



53.3124, 56.5995, 69.3289



55.4813, 56.5995, 67.6345

Sweetspot

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



54.2844, 56.6020, 54.5194



92.7546, 97.3411, 102.1792



52.8636, 52.1806, 58.9162



19.7245, 20.6850, 21.4956



0.0000, 0.0000, 0.0000



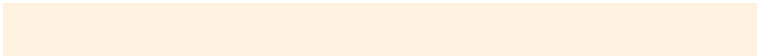
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2844, 56.6020, 54.5194



86.2740, 89.7139, 83.5751



56.1117, 60.6676, 55.2078



11.7154, 12.2197, 11.8206



19.4312, 15.5954, 1.9861



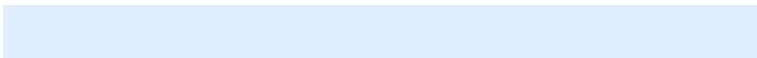
1.0776, 0.9548, 0.1275

Inverse Universe

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



50.9053, 53.9247, 66.1186



79.5370, 84.3760, 106.7019



49.1938, 50.1397, 65.4783



11.0103, 11.6611, 14.2409



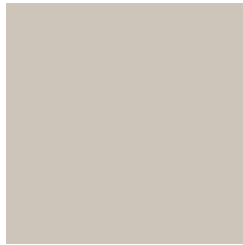
9.3461, 7.7161, 36.9530



0.5575, 0.5489, 1.9315

Previews

White Background



This preview shows how the XYZ color 54.2828, 56.5995, 54.5182 looks on a white background.

Color Contrast Check

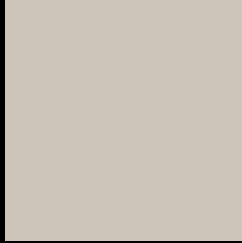
Large Text (above 18pt) WCAG AA × Fail

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 54.2828, 56.5995, 54.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

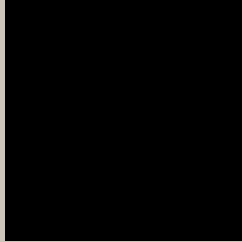
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

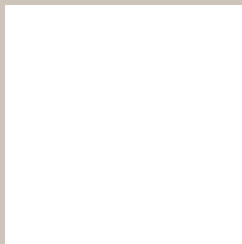
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2828, 56.5995, 54.5182

Background



This preview shows how black text looks on a background with the XYZ color 54.2828, 56.5995, 54.5182.

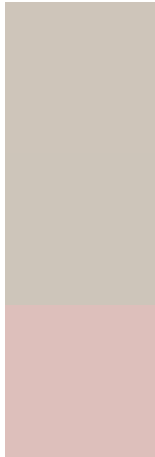


This preview shows how white text looks on a background with the XYZ color 54.2828, 56.5995,

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

54.2828, 56.5995, 54.5182

Protanopia

54.0060, 56.4568, 54.5052

Deuteranopia

57.4192, 56.2216, 54.8392



Tritanopia

57.0949, 56.7423, 68.2647

Trichromacy



Original Color

54.2828, 56.5995, 54.5182

Protanomaly

54.0060, 56.4568, 54.5052

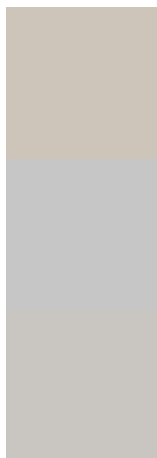
Deuteranomaly

56.3585, 56.3267, 54.9154

Tritanomaly

56.0701, 56.6572, 63.2391

Monochromacy



Original Color

54.2828, 56.5995, 54.5182

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0191, 56.7007, 59.1362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2828, 56.5995, 54.5182 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, 186) looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 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(206, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 186) }
```

Border

The CSS property to change the border of an element to XYZ 54.2828, 56.5995, 54.5182 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, 186) }
```


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

```
.border{ border-color:rgb(206, 197, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 197, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 197, 186); box-shadow:4px 4px 4px 4px rgb(206, 197, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2828, 56.5995, 54.5182 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, 186) }
```

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

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