

Converting Colors

XYZ(55.9949, 60.2127, 54.6421)

Have a look what the booklet for
XYZ(55.9949, 60.2127, 54.6421)
contains.

XYZ(56.0419, 60.2872, 54.5818)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0419, 60.2872,
54.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	CECDB9
RGB	206, 205, 185
RGB Percent	81%, 80%, 73%
CMY	0.1922, 0.1961, 0.2745
CMYK	0.00, 0.00, 0.10, 0.19
HSL	57°, 18%, 77%
HSV	57°, 10%, 81%
XYZ	56.0419, 60.2872, 54.5818
YIQ	203.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

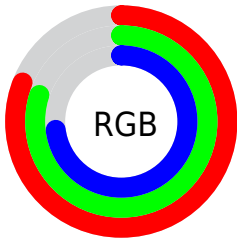
Format	Color
RYB	186, 206, 185
Decimal	13553081
CIELab	81.99, -3.12, 10.08
CIELCh	82, 10.550, 107.185
Yxy	60.2872, 0.3279, 0.3527
Android (android.graphics.Color)	4291743161 (0xFFCECDB9)
YUV	203.0190, -8.8834, 2.6143
Hunter-Lab	77.6448, -7.0421, 12.6724

Details

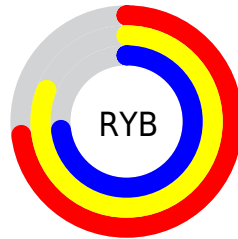
The XYZ color **56.0419, 60.2872, 54.5818** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7071, 49.8876, 65.4554**, and the grayscale version is **56.8290, 59.7885, 65.1097**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **28.1804, 30.4746, 26.2267** is the 20% darker color. If you saturate the color by 10%, you get **53.7905, 59.0158, 43.8685**, and if you desaturate by 10%, it is **58.6132, 61.6929, 66.9578**.

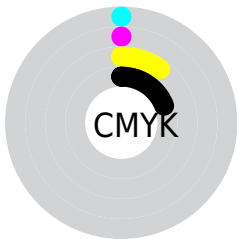
Distribution



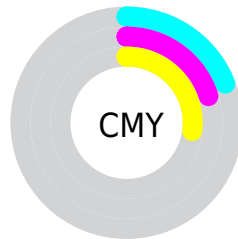
- Red (81%)
- Green (80%)
- Blue (73%)



- Red (73%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0419, 60.2872, 54.5818 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 56.0419, 60.2872, 54.5818 by changing the saturation by 10% instead.

■ 56.0419, 60.2872,
54.5818

■ 56.0419, 60.2872,
54.5818

399.9218,
425.6556, 421.5619

■ 40.4736, 43.6502,
38.6707

■ 98.2053, 105.2462,
98.3930

■ 28.0939, 30.3956,
26.1978

125.5311,
134.3369, 127.1300

■ 18.5373, 20.1390,
16.7446

157.5069,
168.3477, 160.9795

■ 11.4384, 12.4962,
9.8925

194.4979,
207.6628, 200.3600

■ 6.4320, 7.0825,
5.2231

236.8696,
252.6668, 245.6899

■ 3.1526, 3.5138,
2.3177

284.9872,

■ 1.2350, 1.4055,

303.7440, 297.3878

0.7411

339.2162,
361.2788, 355.8723

■ 0.1337, 0.2208,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0419, 60.2872,
54.5818

■ 56.0419, 60.2872,
54.5818

■ 53.7905, 59.0158,
43.8685

■ 58.6132, 61.6929,
66.9578

■ 51.8407, 57.8653,
34.7428

■ 61.5121, 63.2300,
81.0593

■ 50.1794, 56.8326,
27.1300

■ 64.7523, 64.9060,
96.9508

■ 48.7912, 55.9114,
20.9476

■ 66.2832, 65.9006,
103.8343

■ 47.6588, 55.0948,
16.1053

■ 66.5236, 66.3814,
103.9145

■ 46.7631, 54.3753,
12.5025

■ 66.7655, 66.8651,
103.9951

■ 46.0824, 53.7441,
10.0245

■ 67.0088, 67.3517,
104.0762

■ 45.5908, 53.1908,
8.5352

■ 67.2536, 67.8413,
104.1578

■ 45.2455, 52.7052,
7.7884

■ 67.4999, 68.3339,
104.2399

Harmonies

Analogous

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



58.2588, 60.2872, 54.3674



56.0419, 60.2872, 54.5818



54.2089, 60.2872, 57.6351

Triad

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



56.0419, 60.2872, 54.5818



54.4324, 60.2872, 75.0822



61.5906, 60.2872, 68.4078

Complementary

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



56.0419, 60.2872, 54.5818



48.7071, 49.8876, 65.4554

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.



60.5088, 60.2872, 74.3593



56.0419, 60.2872, 54.5818



56.3541, 60.2872, 78.3777

Square

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



56.0419, 60.2872, 54.5818



53.2964, 60.2872, 69.3432



58.5792, 60.2872, 78.1048



61.5017, 60.2872, 62.0759

Rectangle

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



56.0419, 60.2872, 54.5818



53.4339, 60.2872, 60.9890



58.5792, 60.2872, 78.1048



61.3507, 60.2872, 70.5269

Sweetspot

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



56.0435, 60.2898, 54.5831



93.7269, 99.2857, 102.5033



51.6716, 51.3679, 53.6747



19.9875, 21.2111, 21.5833



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.



56.0435, 60.2898, 54.5831



90.0475, 97.2609, 84.8330



53.7373, 59.4558, 54.5437



12.1065, 13.0019, 11.9510



27.8812, 32.4953, 4.8027



1.4527, 1.7051, 0.2526

Inverse Universe

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



48.7071, 49.8876, 65.4554



76.0706, 77.4433, 105.5464



50.8542, 50.6840, 65.4959



10.6437, 10.9279, 14.1187



6.9454, 2.9147, 36.1528



0.3736, 0.1809, 1.8702

Previews

White Background



This preview shows how the XYZ color 56.0419, 60.2872, 54.5818 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 56.0419, 60.2872, 54.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

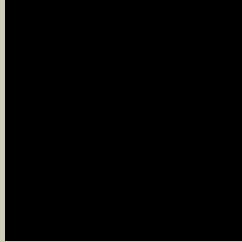
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

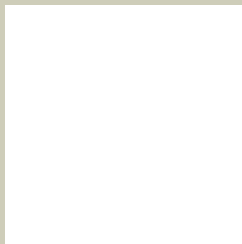
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0419, 60.2872, 54.5818

Background



This preview shows how black text looks on a background with the XYZ color 56.0419, 60.2872, 54.5818.



This preview shows how white text looks on a background with the XYZ color 56.0419, 60.2872, 54.5818.

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

56.0419, 60.2872, 54.5818

Protanopia

57.1590, 60.1696, 53.9487

Deuteranopia

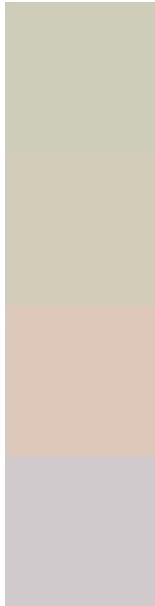
61.5690, 60.3434, 55.4161



Tritanopia

59.6273, 59.9681, 73.3980

Trichromacy



Original Color

56.0419, 60.2872, 54.5818

Protanomaly

56.8229, 60.3481, 54.0009

Deuteranomaly

59.3360, 60.2259, 54.9518

Tritanomaly

58.4345, 60.2041, 66.2983

Monochromacy



Original Color

56.0419, 60.2872, 54.5818

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4585, 60.0086, 60.8317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0419, 60.2872, 54.5818 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, 205, 185)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 185)  
}
```

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, 205, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.0419, 60.2872, 54.5818 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, 205, 185) }
```


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

```
.border{ border-color:rgb(206, 205, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 185);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0419, 60.2872, 54.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 185) }
```

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

```
.background{ background-color: rgb(206,  
205, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor