

Converting Colors

XYZ(56.6681, 60.9559, 55.2342)

Have a look what the booklet for
XYZ(56.6681, 60.9559, 55.2342)
contains.

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Color

**XYZ(56.6664, 60.9532,
55.2329)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFCEBA |
| RGB | 207, 206, 186 |
| RGB Percent | 81%, 81%, 73% |
| CMY | 0.1882, 0.1921, 0.2706 |
| CMYK | 0.00, 0.00, 0.10, 0.19 |
| HSL | 57°, 18%, 77% |
| HSV | 57°, 10%, 81% |
| XYZ | 56.6664, 60.9532, 55.2329 |
| YIQ | 204.0190, 7.0160, -6.0080 |

Conversions

Conversions Part 2

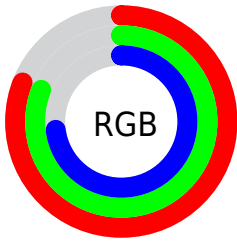
| Format | Color |
|-------------------------------------|---|
| RYB | 187, 207, 186 |
| Decimal | 13618874 |
| CIELab | 82.35, -3.12, 10.07 |
| CIELCh | 82, 10.540, 107.191 |
| Yxy | 60.9532, 0.3278, 0.3526 |
| Android (android.graphics.Color) | 4291808954 (0xFFCFCEBA) |
| YUV | 204.0190, -8.8834, 2.6143 |
| Hunter-Lab | 78.0725, -7.0685, 12.7057 |

Details

The XYZ color **56.6664, 60.9532, 55.2329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2825, 50.4840, 66.1791**, and the grayscale version is **57.4592, 60.4516, 65.8318**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **28.5987, 30.9222, 26.6516** is the 20% darker color. If you saturate the color by 10%, you get **54.3884, 59.6670, 44.3917**, and if you desaturate by 10%, it is **59.2681, 62.3752, 67.7563**.

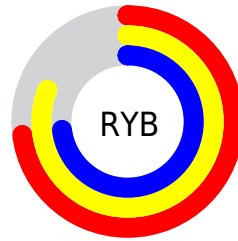
Distribution



Red (81%)

Green (81%)

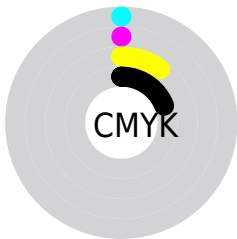
Blue (73%)



Red (73%)

Yellow (81%)

Blue (73%)

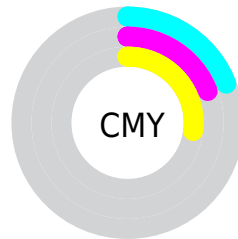


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (19%)



Cyan (19%)

Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6664, 60.9532, 55.2329 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 56.6664, 60.9532, 55.2329 by changing the saturation by 10% instead.

■ 56.6664, 60.9532,
55.2329

■ 56.6664, 60.9532,
55.2329

402.2325,
428.1024, 424.1010

■ 40.9766, 44.1874,
39.1884

■ 99.1124, 106.2112,
99.3567

■ 28.4884, 30.8179,
26.5973

126.5993,
135.4721, 128.2730

■ 18.8364, 20.4602,
17.0413

158.7493,
169.6669, 162.3170

■ 11.6555, 12.7300,
10.1017

195.9277,
209.1800, 201.9072

■ 6.5801, 7.2429,
5.3599

238.4998,
254.3956, 247.4622

■ 3.2449, 3.6145,
2.3975

286.8311,

■ 1.2845, 1.4603,

305.6983, 299.4004

0.7851

341.2869,
363.4725, 358.1405

■ 0.1716, 0.2606,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6664, 60.9532,
55.2329

■ 56.6664, 60.9532,
55.2329

■ 54.3884, 59.6670,
44.3917

■ 59.2681, 62.3752,
67.7563

■ 52.4153, 58.5031,
35.1569

■ 62.2013, 63.9303,
82.0256

■ 50.7344, 57.4585,
27.4527

■ 65.4798, 65.6258,
98.1058

■ 49.3296, 56.5266,
21.1958

■ 66.8122, 66.5452,
103.9309

■ 48.1837, 55.7007,
16.2947

■ 67.0553, 67.0313,
104.0119

■ 47.2773, 54.9729,
12.6479

■ 67.2998, 67.5203,
104.0934

■ 46.5885, 54.3344,
10.1392

■ 67.5458, 68.0123,
104.1754

■ 46.0910, 53.7748,
8.6310

■ 67.7933, 68.5074,
104.2579

■ 45.7404, 53.2815,
7.8736

■ 68.0423, 69.0054,
104.3409

Harmonies

Analogous

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



58.8975, 60.9532, 55.0165



56.6664, 60.9532, 55.2329



54.8215, 60.9532, 58.3078

Triad

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



56.6664, 60.9532, 55.2329



55.0470, 60.9532, 75.8671



62.2509, 60.9532, 69.1495

Complementary

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



56.6664, 60.9532, 55.2329



49.2825, 50.4840, 66.1791

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.



61.1625, 60.9532, 75.1380



56.6664, 60.9532, 55.2329



56.9814, 60.9532, 79.1817

Square

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



56.6664, 60.9532, 55.2329



53.9032, 60.9532, 70.0929



59.2207, 60.9532, 78.9066



62.1612, 60.9532, 62.7768

Rectangle

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



56.6664, 60.9532, 55.2329



54.0414, 60.9532, 61.6846



59.2207, 60.9532, 78.9066



62.0095, 60.9532, 71.2819

Sweetspot

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



56.6681, 60.9559, 55.2342



93.7269, 99.2858, 102.5033



52.2668, 51.9741, 54.3199



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.



56.6681, 60.9559, 55.2342



90.0476, 97.2611, 84.8330



54.3468, 60.1163, 55.1945



12.7534, 13.6975, 12.5837



28.8384, 33.6098, 4.9674



1.6276, 1.9095, 0.2828

Inverse Universe

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



49.2825, 50.4840, 66.1791



76.0705, 77.4431, 105.5464



51.4444, 51.2859, 66.2199



11.2080, 11.5063, 14.8739



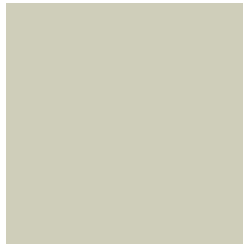
7.1825, 3.0116, 37.3952



0.4178, 0.2007, 2.0963

Previews

White Background



This preview shows how the XYZ color 56.6664, 60.9532, 55.2329 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 56.6664, 60.9532, 55.2329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

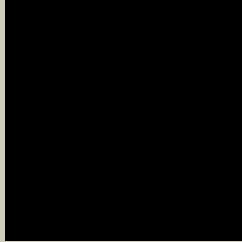
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

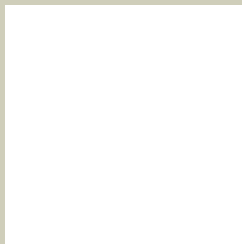
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6664, 60.9532, 55.2329

Background



This preview shows how black text looks on a background with the XYZ color 56.6664, 60.9532, 55.2329.



This preview shows how white text looks on a background with the XYZ color 56.6664, 60.9532,

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

56.6664, 60.9532, 55.2329

Protanopia

57.7904, 60.8346, 54.5953

Deuteranopia

62.2262, 61.0079, 56.0730



Tritanopia

60.2750, 60.6319, 74.1719

Trichromacy



Original Color

56.6664, 60.9532, 55.2329

Protanomaly

57.4522, 61.0143, 54.6478

Deuteranomaly

59.9805, 60.8907, 55.6055

Tritanomaly

59.0749, 60.8697, 67.0280

Monochromacy



Original Color

56.6664, 60.9532, 55.2329

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.0862, 60.6730, 61.5256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6664, 60.9532, 55.2329 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(207, 206, 186)` looks like.

```
.text, #text, p{  
    color:rgb(207, 206, 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(207, 206, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 206, 186) }
```

Border

The CSS property to change the border of an element to XYZ 56.6664, 60.9532, 55.2329 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(207, 206, 186) }
```


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

```
.border{ border-color:rgb(207, 206, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 206, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 206, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 206, 186);  
box-shadow:4px 4px 4px 4px rgb(207, 206,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6664, 60.9532, 55.2329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 206, 186) }
```

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

```
.background{ background-color: rgb(207,  
206, 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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