

Converting Colors

XYZ(52.7213, 55.7024, 49.8192)

Have a look what the booklet for
XYZ(52.7213, 55.7024, 49.8192)
contains.

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Color

**XYZ(52.5776, 55.4915,
49.5348)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC4B1
RGB	204, 196, 177
RGB Percent	80%, 77%, 69%
CMY	0.2000, 0.2314, 0.3059
CMYK	0.00, 0.04, 0.13, 0.20
HSL	42°, 21%, 75%
HSV	42°, 13%, 80%
XYZ	52.5776, 55.4915, 49.5348
YIQ	196.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

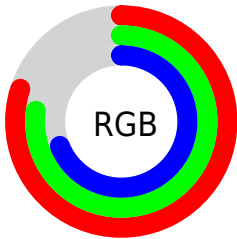
Format	Color
RYB	188, 204, 177
Decimal	13419697
CIELab	79.32, -0.43, 10.53
CIELCh	79, 10.539, 92.338
Yxy	55.4915, 0.3336, 0.3521
Android (android.graphics.Color)	4291609777 (0xFFCCC4B1)
YUV	196.2260, -9.4784, 6.8178
Hunter-Lab	74.4926, -4.3751, 12.7192

Details

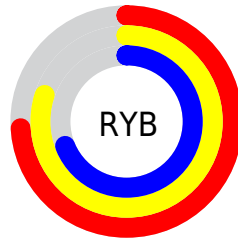
The XYZ color **52.5776, 55.4915, 49.5348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3795, 48.4039, 64.0258**, and the grayscale version is **52.6568, 55.3990, 60.3295**.

A 20% lighter version of the original color is **91.0733, 97.3938, 91.0896**, and **25.8888, 27.2853, 22.9709** is the 20% darker color. If you saturate the color by 10%, you get **49.3594, 52.0692, 39.1690**, and if you desaturate by 10%, it is **56.1577, 59.1501, 61.5222**.

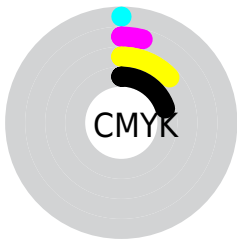
Distribution



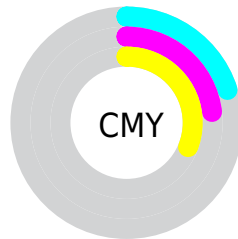
- Red (80%)
- Green (77%)
- Blue (69%)



- Red (74%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5776, 55.4915, 49.5348 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 52.5776, 55.4915, 49.5348 by changing the saturation by 10% instead.

■ 52.5776, 55.4915,
49.5348

■ 52.5776, 55.4915,
49.5348

386.9499,
407.7723, 401.5268

■ 37.6918, 39.7954,
34.6753

■ 93.1517, 98.2607,
90.8744

■ 25.9197, 27.3790,
23.1313

119.5707,
126.1026, 118.1917

■ 16.8959, 17.8581,
14.4843

150.5649,
158.7618, 150.4985

■ 10.2552, 10.8482,
8.3157

186.4995,
196.6228, 188.2136

■ 5.6320, 5.9648,
4.2069

227.7400,
240.0700, 231.7554

■ 2.6612, 2.8237,
1.7395

274.6516,

■ 0.9772, 1.0404,

289.4877, 281.5425

0.3876

327.5998,
345.2603, 337.9935

■ 0.0000, 0.0000,
0.0000

■ 52.5776, 55.4915,
49.5348

■ 52.5776, 55.4915,
49.5348

■ 49.3594, 52.0692,
39.1690

■ 56.1577, 59.1501,
61.5222

■ 46.4846, 48.8692,
30.3504

■ 60.1085, 63.0439,
75.1944

■ 43.9394, 45.8868,
23.0036

■ 64.4439, 67.1813,
90.6152

■ 41.7077, 43.1145,
17.0460

■ 68.5904, 71.3340,
104.7615

■ 39.7714, 40.5440,
12.3864

■ 70.2065, 74.5663,
105.3002

■ 38.1105, 38.1662,
8.9227

■ 71.8805, 77.9143,
105.8582

■ 36.7021, 35.9708,
6.5373

■ 73.6131, 81.3794,
106.4357

■ 35.5185, 33.9456,
5.0885

■ 75.4047, 84.9626,
107.0329

■ 34.8125, 32.6583,
4.4689

■ 77.2559, 88.6651,
107.6500

Harmonies

Analogous

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



54.6498, 55.4915, 50.6991



52.5776, 55.4915, 49.5348



50.6016, 55.4915, 51.1222

Triad

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



52.5776, 55.4915, 49.5348



49.3875, 55.4915, 66.8544



56.4201, 55.4915, 65.9795

Complementary

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



52.5776, 55.4915, 49.5348



46.3795, 48.4039, 64.0258

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.



54.9440, 55.4915, 70.7837



52.5776, 55.4915, 49.5348



50.8811, 55.4915, 71.3120

Square

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



52.5776, 55.4915, 49.5348



48.7907, 55.4915, 60.8963



52.9088, 55.4915, 72.7952



56.9032, 55.4915, 59.9478

Rectangle

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



52.5776, 55.4915, 49.5348



49.5948, 55.4915, 53.5932



52.9088, 55.4915, 72.7952



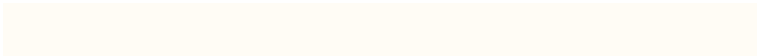
56.0217, 55.4915, 67.8050

Sweetspot

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



52.5791, 55.4939, 49.5360



92.4948, 97.4481, 100.1606



49.3922, 47.7895, 52.5761



19.6973, 20.7567, 21.0977



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.



52.5791, 55.4939, 49.5360



85.4288, 90.1766, 76.6556



52.9765, 58.4482, 50.0853



11.8624, 12.5137, 11.8696



21.9955, 20.7239, 2.8408



1.1987, 1.1971, 0.1679

Inverse Universe

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



46.3795, 48.4039, 64.0258



73.1134, 76.0932, 105.4417



46.0080, 45.7986, 63.5425



10.8680, 11.3765, 14.1935



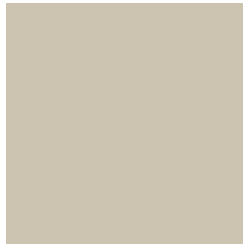
7.9620, 4.9480, 36.4917



0.4774, 0.3885, 1.9048

Previews

White Background



This preview shows how the XYZ color 52.5776, 55.4915, 49.5348 looks on a white background.

Color Contrast Check

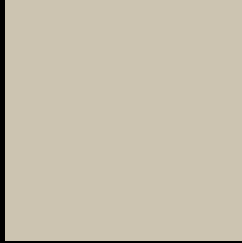
Large Text (above 18pt) WCAG AA × Fail

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 52.5776, 55.4915, 49.5348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

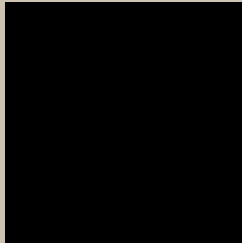
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

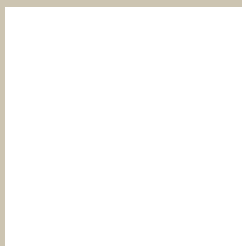
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5776, 55.4915, 49.5348

Background



This preview shows how black text looks on a background with the XYZ color 52.5776, 55.4915, 49.5348.



This preview shows how white text looks on a background with the XYZ color 52.5776, 55.4915,

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

52.5776, 55.4915, 49.5348

Protanopia

52.8526, 55.6333, 49.5476

Deuteranopia

56.3577, 55.1391, 49.7920



Tritanopia

56.1245, 55.6142, 66.8080

Trichromacy



Original Color

52.5776, 55.4915, 49.5348

Protanomaly

52.8526, 55.6333, 49.5476

Deuteranomaly

54.9098, 55.3607, 49.9111

Tritanomaly

54.7659, 55.3908, 60.0296

Monochromacy



Original Color

52.5776, 55.4915, 49.5348

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4784, 55.2961, 56.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5776, 55.4915, 49.5348 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(204, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 177)  
}
```

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(204, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.5776, 55.4915, 49.5348 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(204, 196, 177) }
```


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

```
.border{ border-color:rgb(204, 196, 177) }
```

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

Here you see how a box with a 4 pixel rgb(204, 196, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5776, 55.4915, 49.5348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 177) }
```

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

```
.background{ background-color: rgb(204,  
196, 177) }
```

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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