

Converting Colors

XYZ(55.5257, 50.9851, 51.1614)

Have a look what the booklet for
XYZ(55.5257, 50.9851, 51.1614)
contains.

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Color

**XYZ(55.5297, 50.9904,
51.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B1B6
RGB	226, 177, 182
RGB Percent	89%, 69%, 71%
CMY	0.1137, 0.3059, 0.2863
CMYK	0.00, 0.22, 0.19, 0.11
HSL	354°, 46%, 79%
HSV	354°, 22%, 89%
XYZ	55.5297, 50.9904, 51.1714
YIQ	192.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

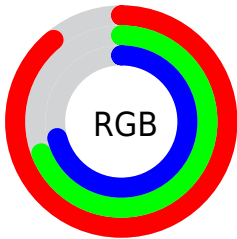
Format	Color
R _Y B	226, 177, 182
Decimal	14856630
CIE Lab	76.67, 18.54, 4.29
CIE LCh	77, 19.025, 13.018
Yxy	50.9904, 0.3521, 0.3234
Android (android.graphics.Color)	4293046710 (0xFFE2B1B6)
YUV	192.2210, -5.0390, 29.6242
Hunter-Lab	71.4076, 13.8463, 7.4975

Details

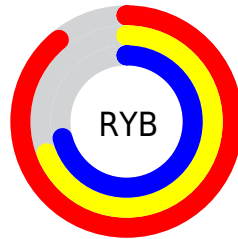
The XYZ color **55.5297, 50.9904, 51.1714** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3810, 68.9616, 78.6439**, and the grayscale version is **50.2504, 52.8673, 57.5725**.

A 20% lighter version of the original color is **85.8115, 85.7109, 92.9100**, and **27.7477, 24.5463, 24.0443** is the 20% darker color. If you saturate the color by 10%, you get **49.4823, 42.0123, 39.5466**, and if you desaturate by 10%, it is **62.6232, 61.5732, 64.6458**.

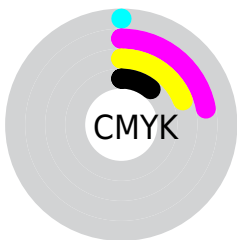
Distribution



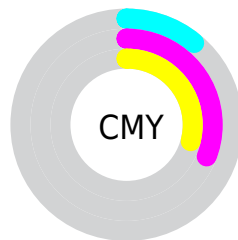
- Red (89%)
- Green (69%)
- Blue (71%)



- Red (89%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5297, 50.9904, 51.1714 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 55.5297, 50.9904, 51.1714 by changing the saturation by 10% instead.


 55.5297, 50.9904,
51.1714

 55.5297, 50.9904,
51.1714


398.0205,
390.5265, 408.0949

 40.0615, 36.2010,
35.9674

 97.4604, 91.6406,
93.3222

 27.7709, 24.5894,
24.1195


124.6536,
118.2701, 121.1060

 18.2926, 15.7714,
15.2093


156.4859,
149.6152, 153.9201

 11.2612, 9.3626,
8.8181

193.3226,
186.0601, 192.1832

 6.3114, 4.9784,
4.5276

235.5291,
227.9893, 236.3136

 3.0778, 2.2346,
1.9190

283.4706,

 1.1950, 0.7388,

275.7871, 286.7300

0.5048

337.5127,
329.8381, 343.8509

■ 0.1024, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5297, 50.9904,
51.1714

■ 55.5297, 50.9904,
51.1714

■ 49.4823, 42.0123,
39.5466

■ 62.6232, 61.5732,
64.6458

■ 44.4274, 34.5539,
29.6876

■ 70.8046, 73.8264,
80.0425

■ 40.3130, 28.5333,
21.5087

■ 80.1187, 87.8204,
97.4338

■ 37.0807, 23.8575,
14.9160

■ 85.1743, 94.9089,
108.4378

■ 34.6653, 20.4232,
9.8062

■ 32.9929, 18.1116,
6.0636

■ 31.9757, 16.7808,
3.5551

■ 31.5194, 16.2309,
2.2846

Harmonies

Analogous

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



55.3940, 50.9904, 61.5163



55.5297, 50.9904, 51.1714



53.7063, 50.9904, 43.0591

Triad

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



55.5297, 50.9904, 51.1714



43.8924, 50.9904, 42.2453



46.4702, 50.9904, 76.7294

Complementary

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



55.5297, 50.9904, 51.1714



58.3810, 68.9616, 78.6439

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.



43.5760, 50.9904, 70.1788



55.5297, 50.9904, 51.1714



42.1390, 50.9904, 49.9264

Square

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



55.5297, 50.9904, 51.1714



46.9217, 50.9904, 38.3521



42.0262, 50.9904, 60.1080



50.0415, 50.9904, 77.1709

Rectangle

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



55.5297, 50.9904, 51.1714



51.6752, 50.9904, 39.6554



42.0262, 50.9904, 60.1080



45.3903, 50.9904, 75.1350

Sweetspot

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



55.5311, 50.9927, 51.1725



87.1432, 88.1455, 94.0591



59.0522, 52.1975, 78.9148



18.5136, 18.6592, 19.8715



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.



55.5311, 50.9927, 51.1725



69.2756, 61.4872, 60.1202



58.9925, 58.7272, 49.8240



13.7637, 13.7231, 14.5261



18.0019, 9.2678, 1.4098



1.2673, 0.6502, 0.2006

Inverse Universe

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



55.5311, 50.9927, 51.1725



69.2756, 61.4872, 60.1202



54.2262, 59.5707, 80.5923



13.7637, 13.7231, 14.5261



18.0019, 9.2678, 1.4098



1.2673, 0.6502, 0.2006

Previews

White Background



This preview shows how the XYZ color 55.5297, 50.9904, 51.1714 looks on a white background.

Color Contrast Check

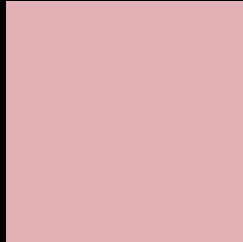
Large Text (above 18pt) WCAG AA × Fail

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 55.5297, 50.9904, 51.1714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

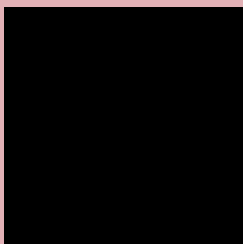
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5297, 50.9904, 51.1714

Background



This preview shows how black text looks on a background with the XYZ color 55.5297, 50.9904, 51.1714.



This preview shows how white text looks on a background with the XYZ color 55.5297, 50.9904,

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

55.5297, 50.9904, 51.1714

Protanopia

49.3752, 51.4068, 55.4643

Deuteranopia

52.1379, 51.0521, 50.8221



Tritanopia

56.3892, 51.0557, 55.0268

Trichromacy



Original Color

55.5297, 50.9904, 51.1714

Protanomaly

51.3887, 51.2222, 53.6328

Deuteranomaly

53.1833, 50.9829, 50.7537

Tritanomaly

56.0668, 50.9267, 53.3292

Monochromacy



Original Color

55.5297, 50.9904, 51.1714

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.7493, 52.0089, 54.8882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5297, 50.9904, 51.1714 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(226, 177, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 177, 182)  
}
```

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(226, 177, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 177, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.5297, 50.9904, 51.1714 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(226, 177, 182) }
```


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

```
.border{ border-color:rgb(226, 177, 182) }
```

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

Here you see how a box with a 4 pixel rgb(226, 177, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 177, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 177, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 177,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5297, 50.9904, 51.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 177, 182) }
```

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

```
.background{ background-color: rgb(226,  
177, 182) }
```

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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