

Converting Colors

XYZ(55.3656, 50.7557, 50.8879)

Have a look what the booklet for
XYZ(55.3656, 50.7557, 50.8879)
contains.

XYZ(55.3329, 50.5968, 51.1058)	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(55.3329, 50.5968,
51.1058)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B0B6
RGB	226, 176, 182
RGB Percent	89%, 69%, 71%
CMY	0.1137, 0.3098, 0.2863
CMYK	0.00, 0.22, 0.19, 0.11
HSL	353°, 46%, 79%
HSV	353°, 22%, 89%
XYZ	55.3329, 50.5968, 51.1058
YIQ	191.6340, 27.8740, 12.4660

Conversions

Conversions Part 2

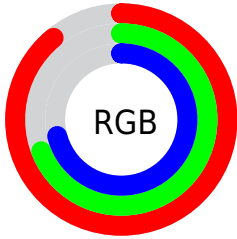
Format	Color
R _Y B	226, 176, 182
Decimal	14856374
CIE Lab	76.43, 19.07, 3.94
CIE LCh	76, 19.475, 11.671
Yxy	50.5968, 0.3524, 0.3222
Android (android.graphics.Color)	4293046454 (0xFFE2B0B6)
YUV	191.6340, -4.7496, 30.1390
Hunter-Lab	71.1314, 14.3746, 7.1939

Details

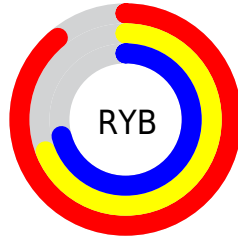
The XYZ color **55.3329, 50.5968, 51.1058** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.0212, 68.7914, 77.9336**, and the grayscale version is **49.9062, 52.5052, 57.1781**.

A 20% lighter version of the original color is **85.5292, 85.1463, 92.8159**, and **27.6230, 24.2969, 24.0028** is the 20% darker color. If you saturate the color by 10%, you get **49.3535, 41.6969, 39.6816**, and if you desaturate by 10%, it is **62.3448, 61.0935, 64.3158**.

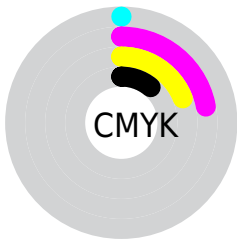
Distribution



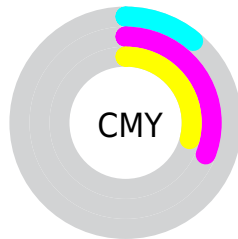
- Red (89%)
- Green (69%)
- Blue (71%)



- 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 55.3329, 50.5968, 51.1058 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 55.3329, 50.5968, 51.1058 by changing the saturation by 10% instead.


 55.3329, 50.5968,
51.1058

 55.3329, 50.5968,
51.1058


397.2885,
388.9952, 407.8330

 39.9032, 35.8878,
35.9155

 97.1740, 91.0585,
93.2242

 27.6470, 24.3476,
24.0798

124.3162,
117.5800, 120.9895

 18.1988, 15.5917,
15.1801


156.0932,
148.8078, 153.7834

 11.1934, 9.2357,
8.7978

192.8704,
185.1263, 192.0247

 6.2653, 4.8952,
4.5145

235.0132,
226.9199, 236.1317

 3.0492, 2.1859,
1.9117

282.8869,

 1.1799, 0.7123,

274.5730, 286.5230

0.5001

336.8569,
328.4700, 343.6173

■ 0.0904, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3329, 50.5968,
51.1058

■ 55.3329, 50.5968,
51.1058

■ 49.3535, 41.6969,
39.6816

■ 62.3448, 61.0935,
64.3158

■ 44.3536, 34.3089,
29.9632

■ 70.4305, 73.2526,
79.3803

■ 40.2820, 28.3507,
21.8696

■ 79.6340, 87.1443,
96.3684

■ 37.0809, 23.7297,
15.3117

■ 85.1743, 94.9089,
108.4378

■ 34.6862, 20.3421,
10.1917

■ 33.0246, 18.0690,
6.4005

■ 32.0093, 16.7680,
3.8132

■ 31.5633, 16.2485,
2.5159

Harmonies

Analogous

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



55.1005, 50.5968, 61.6897



55.3329, 50.5968, 51.1058



53.5531, 50.5968, 42.7249

Triad

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



55.3329, 50.5968, 51.1058



43.5528, 50.5968, 41.3402



45.9070, 50.5968, 76.5733

Complementary

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



55.3329, 50.5968, 51.1058



58.0212, 68.7914, 77.9336

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.



43.0130, 50.5968, 69.6397



55.3329, 50.5968, 51.1058



41.7022, 50.5968, 48.9810

Square

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



55.3329, 50.5968, 51.1058



46.6782, 50.5968, 37.5849



41.5098, 50.5968, 59.2788



49.5315, 50.5968, 77.3319

Rectangle

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



55.3329, 50.5968, 51.1058



51.5154, 50.5968, 39.1572



41.5098, 50.5968, 59.2788



44.8213, 50.5968, 74.8501

Sweetspot

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



55.3343, 50.5991, 51.1068



87.1906, 88.1645, 94.3087



58.5682, 51.6559, 78.8358



18.5246, 18.6636, 19.9291



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.



55.3343, 50.5991, 51.1068



68.6139, 60.3544, 59.3122



58.5682, 58.0375, 49.1926



13.7738, 13.7271, 14.5788



18.0295, 9.2788, 1.5551



1.2721, 0.6521, 0.2257

Inverse Universe

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



55.3343, 50.5991, 51.1068



68.6139, 60.3544, 59.3122



54.1086, 59.6723, 80.6182



13.7738, 13.7271, 14.5788



18.0295, 9.2788, 1.5551



1.2721, 0.6521, 0.2257

Previews

White Background



This preview shows how the XYZ color 55.3329, 50.5968, 51.1058 looks on a white background.

Color Contrast Check

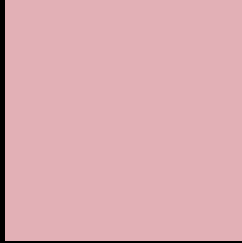
Large Text (above 18pt) WCAG AA × Fail

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 55.3329, 50.5968, 51.1058 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 55.3329, 50.5968, 51.1058

Background



This preview shows how black text looks on a background with the XYZ color 55.3329, 50.5968, 51.1058.



This preview shows how white text looks on a background with the XYZ color 55.3329, 50.5968,

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

55.3329, 50.5968, 51.1058

Protanopia

48.9068, 50.8470, 55.3809

Deuteranopia

51.6468, 50.4937, 50.7402



Tritanopia

56.0856, 50.6217, 54.3919

Trichromacy



Original Color

55.3329, 50.5968, 51.1058

Protanomaly

50.9053, 50.6635, 53.5504

Deuteranomaly

52.9807, 50.5776, 50.6861

Tritanomaly

55.8715, 50.5360, 53.2641

Monochromacy



Original Color

55.3329, 50.5968, 51.1058

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.5378, 51.5860, 54.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3329, 50.5968, 51.1058 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, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 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, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 182) }
```

Border

The CSS property to change the border of an element to XYZ 55.3329, 50.5968, 51.1058 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, 176, 182) }
```


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

```
.border{ border-color:rgb(226, 176, 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, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3329, 50.5968, 51.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 182) }
```

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

```
.background{ background-color: rgb(226,  
176, 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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