

Converting Colors

XYZ(56.4845, 50.7598, 55.5084)

Have a look what the booklet for
XYZ(56.4845, 50.7598, 55.5084)
contains.

XYZ(56.6191, 50.8716, 55.5503)	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(56.6191, 50.8716,
55.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	E4AFBE
RGB	228, 175, 190
RGB Percent	89%, 69%, 75%
CMY	0.1059, 0.3137, 0.2549
CMYK	0.00, 0.23, 0.17, 0.11
HSL	343°, 50%, 79%
HSV	343°, 23%, 89%
XYZ	56.6191, 50.8716, 55.5503
YIQ	192.5570, 26.7730, 15.9010

Conversions

Conversions Part 2

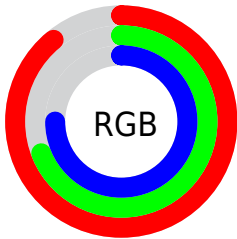
Format	Color
R _Y B	228, 175, 190
Decimal	14987198
CIE Lab	76.60, 21.56, -0.15
CIE LCh	77, 21.563, 359.592
Yxy	50.8716, 0.3473, 0.3120
Android (android.graphics.Color)	4293177278 (0xFFE4AFBE)
YUV	192.5570, -1.2606, 31.0835
Hunter-Lab	71.3243, 16.8803, 3.7496

Details

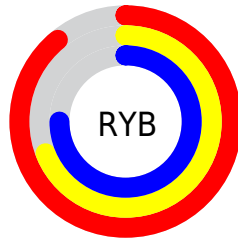
The XYZ color **56.6191, 50.8716, 55.5503** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4348, 69.4060, 73.3235**, and the grayscale version is **50.4260, 53.0521, 57.7737**.

A 20% lighter version of the original color is **86.4505, 85.0656, 99.0517**, and **28.4881, 24.4959, 26.8936** is the 20% darker color. If you saturate the color by 10%, you get **50.8629, 42.0598, 45.3048**, and if you desaturate by 10%, it is **63.3279, 61.2666, 67.1034**.

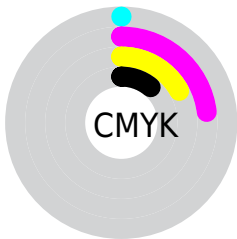
Distribution



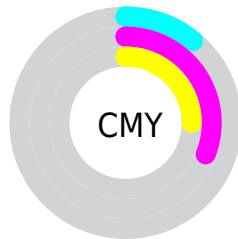
- Red (89%)
- Green (69%)
- Blue (75%)



- Red (89%)
- Yellow (69%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (11%)



- Cyan (11%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6191, 50.8716, 55.5503 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 56.6191, 50.8716, 55.5503 by changing the saturation by 10% instead.

■ 56.6191, 50.8716,
55.5503

■ 56.6191, 50.8716,
55.5503

402.0578,
390.0647, 425.3352

■ 40.9385, 36.1064,
39.4409

■ 99.0438, 91.4649,
99.8260

■ 28.4585, 24.5164,
26.7924

126.5185,
118.0619, 128.8294

■ 18.8138, 15.7171,
17.1863

158.6553,
149.3716, 162.9678

■ 11.6390, 9.3242,
10.2041

195.8195,
185.7784, 202.6599

■ 6.5688, 4.9533,
5.4271

238.3765,
227.6667, 248.3241

■ 3.2378, 2.2199,
2.4369

286.6917,

■ 1.2808, 0.7308,

275.4210, 300.3790

0.8064

341.1303,
329.4255, 359.2432

■ 0.1687, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6191, 50.8716,
55.5503

■ 56.6191, 50.8716,
55.5503

■ 50.8629, 42.0598,
45.3048

■ 63.3279, 61.2666,
67.1034

■ 46.0107, 34.7463,
36.3164

■ 71.0261, 73.3104,
80.0057

■ 42.0162, 28.8491,
28.5361

■ 79.7541, 87.0731,
94.3007

■ 38.8270, 24.2752,
21.9100

■ 85.8051, 95.2341,
108.4673

■ 36.3847, 20.9204,
16.3801

■ 34.6226, 18.6646,
11.8826

■ 33.4610, 17.3630,
8.3458

■ 32.9353, 16.8701,
6.4483

Harmonies

Analogous

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



55.4302, 50.8716, 67.5442



56.6191, 50.8716, 55.5503



55.4913, 50.8716, 45.0303

Triad

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



56.6191, 50.8716, 55.5503



44.5844, 50.8716, 38.0773



44.4930, 50.8716, 77.0885

Complementary

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



56.6191, 50.8716, 55.5503



57.4348, 69.4060, 73.3235

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.



41.8528, 50.8716, 67.2291



56.6191, 50.8716, 55.5503



41.9034, 50.8716, 44.7899

Square

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



56.6191, 50.8716, 55.5503



48.4077, 50.8716, 35.8427



40.9314, 50.8716, 55.2311



48.2962, 50.8716, 81.0003

Rectangle

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



56.6191, 50.8716, 55.5503



53.6116, 50.8716, 39.9985



40.9314, 50.8716, 55.2311



43.4480, 50.8716, 74.2975

Sweetspot

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



56.6205, 50.8739, 55.5514



87.6249, 88.3382, 96.5954



56.7710, 50.4075, 80.1367



18.6248, 18.7037, 20.4572



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.



56.6205, 50.8739, 55.5514



69.1731, 59.7252, 64.8857



57.3953, 54.9131, 48.1345



14.5438, 14.4347, 15.7981



19.0618, 9.7589, 3.9545



1.4475, 0.7367, 0.4969

Inverse Universe

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



56.6205, 50.8739, 55.5514



69.1731, 59.7252, 64.8857



56.3730, 64.0938, 82.7994



14.5438, 14.4347, 15.7981



19.0618, 9.7589, 3.9545



1.4475, 0.7367, 0.4969

Previews

White Background



This preview shows how the XYZ color 56.6191, 50.8716, 55.5503 looks on a white background.

Color Contrast Check

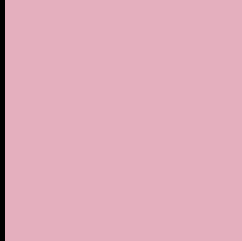
Large Text (above 18pt) WCAG AA × Fail

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 56.6191, 50.8716, 55.5503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

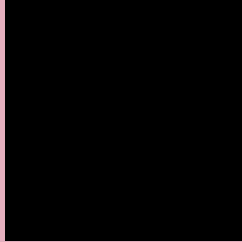
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6191, 50.8716, 55.5503

Background



This preview shows how black text looks on a background with the XYZ color 56.6191, 50.8716, 55.5503.



This preview shows how white text looks on a background with the XYZ color 56.6191, 50.8716,

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

56.6191, 50.8716, 55.5503

Protanopia

49.4115, 50.9908, 60.6640

Deuteranopia

52.0230, 50.9077, 54.6612



Tritanopia

56.5102, 50.8280, 54.9765

Trichromacy



Original Color

56.6191, 50.8716, 55.5503

Protanomaly

51.6857, 50.6445, 58.6810

Deuteranomaly

53.5309, 50.7637, 55.1211

Tritanomaly

56.5102, 50.8280, 54.9765

Monochromacy



Original Color

56.6191, 50.8716, 55.5503

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.5269, 52.0454, 57.1465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6191, 50.8716, 55.5503 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(228, 175, 190)` looks like.

```
.text, #text, p{  
    color:rgb(228, 175, 190)  
}
```

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(228, 175, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 175, 190) }
```

Border

The CSS property to change the border of an element to XYZ 56.6191, 50.8716, 55.5503 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(228, 175, 190) }
```


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

```
.border{ border-color:rgb(228, 175, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 175, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 175, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 175, 190);  
box-shadow:4px 4px 4px 4px rgb(228, 175,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6191, 50.8716, 55.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 175, 190) }
```

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

```
.background{ background-color: rgb(228,  
175, 190) }
```

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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