

Converting Colors

XYZ(56.3323, 50.1114, 58.6418)

Have a look what the booklet for
XYZ(56.3323, 50.1114, 58.6418)
contains.

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Color

**XYZ(56.2714, 50.0414,
58.9177)**

Conversions

Conversions Part 1

Format	Color
Hex	E2ADC4
RGB	226, 173, 196
RGB Percent	89%, 68%, 77%
CMY	0.1137, 0.3215, 0.2314
CMYK	0.00, 0.23, 0.13, 0.11
HSL	334°, 48%, 78%
HSV	334°, 23%, 89%
XYZ	56.2714, 50.0414, 58.9177
YIQ	191.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

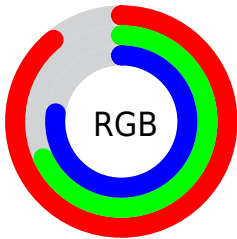
Format	Color
R _Y B	226, 173, 196
Decimal	14855620
CIE Lab	76.09, 22.88, -4.19
CIE LCh	76, 23.264, 349.617
Yxy	50.0414, 0.3406, 0.3029
Android (android.graphics.Color)	4293045700 (0xFFE2ADC4)
YUV	191.4690, 2.2338, 30.2837
Hunter-Lab	70.7399, 18.1962, 0.1367

Details

The XYZ color **56.2714, 50.0414, 58.9177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2114, 67.5901, 66.6393**, and the grayscale version is **49.7723, 52.3644, 57.0248**.

A 20% lighter version of the original color is **86.9889, 84.3905, 104.6327**, and **28.1765, 23.9320, 28.7255** is the 20% darker color. If you saturate the color by 10%, you get **50.9043, 41.5387, 50.2480**, and if you desaturate by 10%, it is **62.4985, 60.0643, 68.4879**.

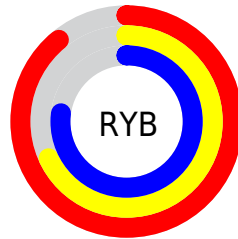
Distribution



Red (89%)

Green (68%)

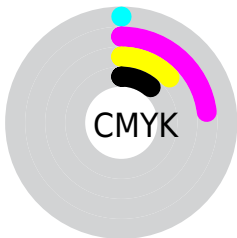
Blue (77%)



Red (89%)

Yellow (68%)

Blue (77%)

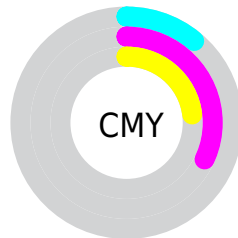


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (11%)



Cyan (11%)


Magenta (32%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2714, 50.0414, 58.9177 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 56.2714, 50.0414, 58.9177 by changing the saturation by 10% instead.


 56.2714, 50.0414,
58.9177

 56.2714, 50.0414,
58.9177


400.7720,
386.8278, 438.2902

 40.6584, 35.4463,
42.1273


 98.5388, 90.2362,
104.7860

 28.2388, 24.0069,
28.8747


125.9239,
116.6047, 134.7009

 18.6471, 15.3387,
18.7413


157.9638,
147.6665, 169.8278

 11.5180, 9.0574,
11.3086

195.0238,
183.8059, 210.5852

 6.4863, 4.7787,
6.1580

237.4692,
225.4073, 257.3916

 3.1864, 2.1180,
2.8711

285.6655,

 1.2531, 0.6747,

272.8552, 310.6655

1.0292

339.9780,
326.5339, 370.8256

■ 0.1477, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2714, 50.0414,
58.9177

■ 56.2714, 50.0414,
58.9177

■ 50.9043, 41.5387,
50.2480

■ 62.4985, 60.0643,
68.4879

■ 46.3530, 34.4744,
42.4472

■ 69.6187, 71.6702,
78.9826

■ 42.5757, 28.7695,
35.4860

■ 77.6683, 84.9269,
90.4286

■ 39.5249, 24.3341,
29.3321

■ 83.9398, 94.4151,
101.9372

■ 37.1476, 21.0680,
23.9506

■ 85.1743, 94.9089,
108.4378

■ 35.3828, 18.8551,
19.3031

■ 34.1572, 17.5550,
15.3460

■ 33.5720, 17.0520,
13.0936

Harmonies

Analogous

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



54.2212, 50.0414, 71.5222



56.2714, 50.0414, 58.9177



55.8825, 50.0414, 46.8352

Triad

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



56.2714, 50.0414, 58.9177



44.8102, 50.0414, 34.8979



42.3481, 50.0414, 74.8408

Complementary

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



56.2714, 50.0414, 58.9177



55.2114, 67.5901, 66.6393

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.



40.1128, 50.0414, 62.9290



56.2714, 50.0414, 58.9177



41.4732, 50.0414, 40.3966

Square

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



56.2714, 50.0414, 58.9177



49.0859, 50.0414, 34.1617



39.8026, 50.0414, 50.2834



46.0716, 50.0414, 81.6011

Rectangle

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



56.2714, 50.0414, 58.9177



54.2996, 50.0414, 40.5978



39.8026, 50.0414, 50.2834



41.4077, 50.0414, 71.2287

Sweetspot

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



56.2728, 50.0437, 58.9187



88.0331, 88.5015, 98.7452



53.0707, 47.9581, 78.4118



18.7193, 18.7415, 20.9543



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.



56.2728, 50.0437, 58.9187



70.5096, 60.2599, 71.9237



54.3654, 50.1018, 46.3431



13.9530, 13.7988, 15.5225



19.2098, 9.7509, 7.7708



1.3758, 0.6936, 0.7720

Inverse Universe

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



56.2728, 50.0437, 58.9187



70.5096, 60.2599, 71.9237



57.4439, 67.3390, 81.9222



13.9530, 13.7988, 15.5225



19.2098, 9.7509, 7.7708



1.3758, 0.6936, 0.7720

Previews

White Background



This preview shows how the XYZ color 56.2714, 50.0414, 58.9177 looks on a white background.

Color Contrast Check

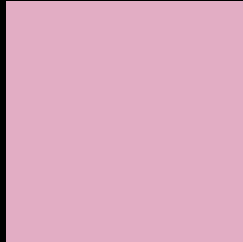
Large Text (above 18pt) WCAG AA × Fail

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 56.2714, 50.0414, 58.9177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

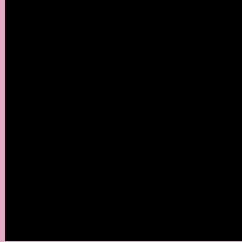
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2714, 50.0414, 58.9177

Background



This preview shows how black text looks on a background with the XYZ color 56.2714, 50.0414, 58.9177.



This preview shows how white text looks on a background with the XYZ color 56.2714, 50.0414,

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

56.2714, 50.0414, 58.9177

Protanopia

48.9191, 50.3394, 64.2649

Deuteranopia

51.0942, 50.0474, 58.0061



Tritanopia

55.2645, 49.9105, 54.2979

Trichromacy



Original Color

56.2714, 50.0414, 58.9177

Protanomaly

51.3580, 50.0905, 62.2199

Deuteranomaly

52.8344, 50.0292, 58.5017

Tritanomaly

55.5914, 50.0412, 56.0192

Monochromacy



Original Color

56.2714, 50.0414, 58.9177

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.6680, 50.9686, 57.5668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2714, 50.0414, 58.9177 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, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(226, 173, 196)  
}
```

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, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 173, 196) }
```

Border

The CSS property to change the border of an element to XYZ 56.2714, 50.0414, 58.9177 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, 173, 196) }
```


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

```
.border{ border-color:rgb(226, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(226, 173,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2714, 50.0414, 58.9177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 173, 196) }
```

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

```
.background{ background-color: rgb(226,  
173, 196) }
```

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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