

Converting Colors

XYZ(56.7485, 49.3050, 43.7214)

Have a look what the booklet for
XYZ(56.7485, 49.3050, 43.7214)
contains.

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Color

**XYZ(56.6671, 49.1831,
43.5524)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA8A8
RGB	239, 168, 168
RGB Percent	94%, 66%, 66%
CMY	0.0627, 0.3412, 0.3412
CMYK	0.00, 0.30, 0.30, 0.06
HSL	0°, 69%, 80%
HSV	0°, 30%, 94%
XYZ	56.6671, 49.1831, 43.5524
YIQ	189.2290, 42.3160, 15.0520

Conversions

Conversions Part 2

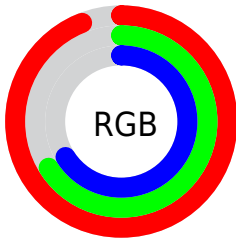
Format	Color
R _Y B	239, 168, 168
Decimal	15706280
CIE Lab	75.57, 26.15, 10.51
CIE LCh	76, 28.181, 21.899
Yxy	49.1831, 0.3793, 0.3292
Android (android.graphics.Color)	4293896360 (0xFFEFA8A8)
YUV	189.2290, -10.4659, 43.6492
Hunter-Lab	70.1307, 21.5032, 12.2713

Details

The XYZ color **56.6671, 49.1831, 43.5524** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5939, 76.2874, 93.0874**, and the grayscale version is **48.5430, 51.0710, 55.6164**.

A 20% lighter version of the original color is **81.2149, 79.8990, 80.9536**, and **28.3392, 23.3462, 19.5356** is the 20% darker color. If you saturate the color by 10%, you get **50.6280, 40.3466, 31.5454**, and if you desaturate by 10%, it is **63.9288, 59.8095, 57.9868**.

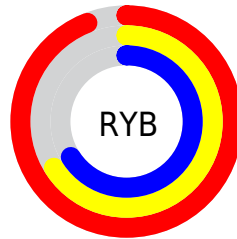
Distribution



Red (94%)

Green (66%)

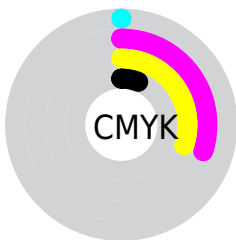
Blue (66%)



Red (94%)

Yellow (66%)

Blue (66%)

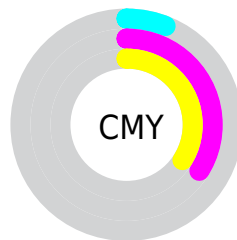


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (6%)



Cyan (6%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6671, 49.1831, 43.5524 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 56.6671, 49.1831, 43.5524 by changing the saturation by 10% instead.


 56.6671, 49.1831,
43.5524


 56.6671, 49.1831,
43.5524


402.2351,
383.4627, 376.8664

 40.9771, 34.7647,
29.9842

 99.1134, 88.9633,
81.8391

 28.4888, 23.4817,
19.5746


 126.6005,
115.0940, 107.3946

 18.8368, 14.9496,
11.9052


158.7507,
145.8976, 137.7830

 11.6557, 8.7840,
6.5574

195.9293,
181.7584, 173.4227

 6.5802, 4.6006,
3.1127

238.5017,
223.0610, 214.7324

 3.2450, 2.0149,
1.1525

286.8332,

 1.2846, 0.6161,

270.1896, 262.1305

0.0000

341.2892,
323.5287, 316.0357

■ 0.1716, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6671, 49.1831,
43.5524

■ 56.6671, 49.1831,
43.5524

■ 50.6280, 40.3466,
31.5454

■ 63.9288, 59.8095,
57.9868

■ 45.7407, 33.1950,
21.8299

■ 72.4711, 72.3091,
74.9686

■ 41.9332, 27.6234,
14.2609

■ 82.3527, 86.7687,
94.6132

■ 39.1236, 23.5121,
8.6760

■ 89.4067, 97.0908,
108.6359

■ 37.2187, 20.7245,
4.8894

■ 36.1073, 19.0982,
2.6805

■ 35.6083, 18.3679,
1.6887

■ 35.5969, 18.3511,
1.6660

Harmonies

Analogous

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



57.3779, 49.1831, 57.6959



56.6671, 49.1831, 43.5524



53.2021, 49.1831, 34.0064

Triad

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



56.6671, 49.1831, 43.5524



39.3017, 49.1831, 37.7339



45.3501, 49.1831, 87.2567

Complementary

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



56.6671, 49.1831, 43.5524



62.5939, 76.2874, 93.0874

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.



40.8365, 49.1831, 79.4377



56.6671, 49.1831, 43.5524



37.5178, 49.1831, 49.6115

Square

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



56.6671, 49.1831, 43.5524



43.1109, 49.1831, 31.1072



38.0581, 49.1831, 64.9759



50.5821, 49.1831, 84.8109

Rectangle

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



56.6671, 49.1831, 43.5524



49.9277, 49.1831, 30.6569



38.0581, 49.1831, 64.9759



43.7044, 49.1831, 85.6971

Sweetspot

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



56.6684, 49.1854, 43.5534



84.6837, 84.8313, 88.2919



65.1796, 52.5885, 88.3768



17.7929, 17.6702, 18.2363



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.



56.6684, 49.1854, 43.5534



61.0026, 50.1792, 41.2147



64.1391, 64.1267, 46.0436



15.7730, 15.7590, 16.3602



19.6716, 10.1413, 0.9207



1.6365, 0.8437, 0.0766

Inverse Universe

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



62.5939, 76.2874, 93.0874



68.9533, 86.5438, 107.6781



53.2031, 57.5057, 89.9572



16.2473, 17.9288, 20.3259



25.6648, 37.5539, 51.0238



2.1351, 3.1242, 4.2447

Previews

White Background



This preview shows how the XYZ color 56.6671, 49.1831, 43.5524 looks on a white background.

Color Contrast Check

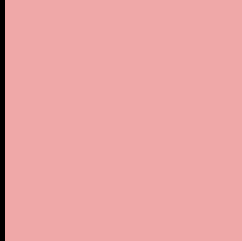
Large Text (above 18pt) WCAG AA × Fail

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 56.6671, 49.1831, 43.5524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

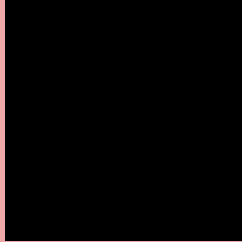
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6671, 49.1831, 43.5524

Background



This preview shows how black text looks on a background with the XYZ color 56.6671, 49.1831, 43.5524.



This preview shows how white text looks on a background with the XYZ color 56.6671, 49.1831,

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

56.6671, 49.1831, 43.5524

Protanopia

47.3330, 49.5386, 49.1867

Deuteranopia

50.3556, 49.3927, 42.9561



Tritanopia

57.7081, 49.0524, 49.0743

Trichromacy



Original Color

56.6671, 49.1831, 43.5524

Protanomaly

50.0546, 48.8515, 46.8355

Deuteranomaly

52.6246, 49.3703, 43.3150

Tritanomaly

57.4918, 49.2578, 47.0350

Monochromacy



Original Color

56.6671, 49.1831, 43.5524

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.5965, 49.6493, 50.6326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6671, 49.1831, 43.5524 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(239, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(239, 168, 168)  
}
```

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(239, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 56.6671, 49.1831, 43.5524 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(239, 168, 168) }
```


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

```
.border{ border-color:rgb(239, 168, 168) }
```

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

Here you see how a box with a 4 pixel rgb(239, 168, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(239, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6671, 49.1831, 43.5524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 168, 168) }
```

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

```
.background{ background-color: rgb(239,  
168, 168) }
```

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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