

Converting Colors

XYZ(57.1213, 49.7442, 45.2992)

Have a look what the booklet for
XYZ(57.1213, 49.7442, 45.2992)
contains.

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Color

**XYZ(57.1353, 49.6669,
45.1034)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA9AB
RGB	239, 169, 171
RGB Percent	94%, 66%, 67%
CMY	0.0627, 0.3372, 0.3294
CMYK	0.00, 0.29, 0.28, 0.06
HSL	358°, 69%, 80%
HSV	358°, 29%, 94%
XYZ	57.1353, 49.6669, 45.1034
YIQ	190.1580, 41.0780, 15.4620

Conversions

Conversions Part 2

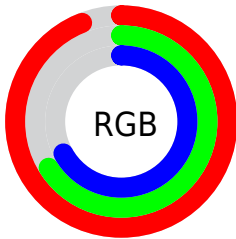
Format	Color
R _Y B	239, 169, 171
Decimal	15706539
CIE Lab	75.86, 26.01, 9.30
CIE LCh	76, 27.625, 19.668
Yxy	49.6669, 0.3761, 0.3270
Android (android.graphics.Color)	4293896619 (0xFFEFA9AB)
YUV	190.1580, -9.4449, 42.8344
Hunter-Lab	70.4747, 21.3827, 11.3871

Details

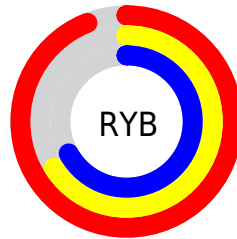
The XYZ color **57.1353, 49.6669, 45.1034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5169, 76.2837, 91.5539**, and the grayscale version is **49.0718, 51.6274, 56.2222**.

A 20% lighter version of the original color is **81.8927, 80.6014, 83.1929**, and **28.8666, 23.7678, 20.5190** is the 20% darker color. If you saturate the color by 10%, you get **51.0664, 40.7652, 33.1038**, and if you desaturate by 10%, it is **64.4083, 60.3541, 59.4234**.

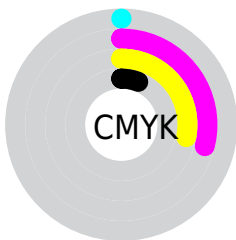
Distribution



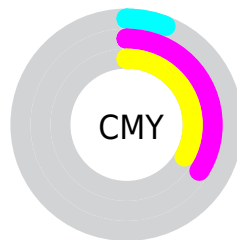
- Red (94%)
- Green (66%)
- Blue (67%)



- Red (94%)
- Yellow (66%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1353, 49.6669, 45.1034 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 57.1353, 49.6669, 45.1034 by changing the saturation by 10% instead.


 57.1353, 49.6669,
45.1034


 57.1353, 49.6669,
45.1034

403.9621,
385.3619, 383.3645

 41.3544, 35.1488,
31.1953


 99.7928, 89.6811,
84.1956

 28.7850, 23.7775,
20.4879


 127.4002,
115.9461, 110.2169

 19.0617, 15.1687,
12.5626

159.6804,
146.8954, 141.1130

 11.8192, 8.9378,
7.0009

196.9988,
182.9135, 177.3024

 6.6920, 4.7007,
3.3842

239.7209,
224.3849, 219.2037

 3.3148, 2.0727,
1.2940

288.2119,

 1.3224, 0.6492,

271.6938, 267.2355

0.0569

342.8372,
325.2246, 321.8162

■ 0.1999, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1353, 49.6669,
45.1034

■ 57.1353, 49.6669,
45.1034

■ 51.0664, 40.7652,
33.1038

■ 64.4083, 60.3541,
59.4234

■ 46.1330, 33.5452,
23.2997

■ 72.9412, 72.9092,
76.1737

■ 42.2657, 27.9032,
15.5590

■ 82.7912, 87.4179,
95.4608

■ 39.3857, 23.7213,
9.7343

■ 89.4068, 97.0908,
108.6359

■ 37.4037, 20.8649,
5.6588

■ 36.2140, 19.1748,
3.1369

■ 35.6617, 18.4064,
1.9164

■ 35.6341, 18.3657,
1.8625

Harmonies

Analogous

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



57.6093, 49.6669, 59.3143



57.1353, 49.6669, 45.1034



53.8946, 49.6669, 35.2493

Triad

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



57.1353, 49.6669, 45.1034



40.0686, 49.6669, 37.7545



45.4569, 49.6669, 86.9658

Complementary

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



57.1353, 49.6669, 45.1034



62.5169, 76.2837, 91.5539

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.



41.0966, 49.6669, 78.6441



57.1353, 49.6669, 45.1034



38.1388, 49.6669, 49.1608

Square

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



57.1353, 49.6669, 45.1034



43.9590, 49.6669, 31.5700



38.5009, 49.6669, 64.1723



50.6109, 49.6669, 85.3400

Rectangle

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



57.1353, 49.6669, 45.1034



50.7238, 49.6669, 31.6485



38.5009, 49.6669, 64.1723



43.8564, 49.6669, 85.1879

Sweetspot

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



57.1366, 49.6692, 45.1044



84.7764, 84.8677, 88.7824



64.5832, 52.5575, 88.4024



17.8155, 17.6791, 18.3557



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.



57.1366, 49.6692, 45.1044



61.9262, 51.2798, 43.8238



63.8019, 63.3020, 46.3948



15.7911, 15.7661, 16.4560



19.7001, 10.1525, 1.0716



1.6452, 0.8471, 0.1227

Inverse Universe

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



57.1366, 49.6692, 45.1044



61.9262, 51.2798, 43.8238



54.0959, 58.9724, 90.1934



15.7911, 15.7661, 16.4560



19.7001, 10.1525, 1.0716



1.6452, 0.8471, 0.1227

Previews

White Background



This preview shows how the XYZ color 57.1353, 49.6669, 45.1034 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 57.1353, 49.6669, 45.1034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

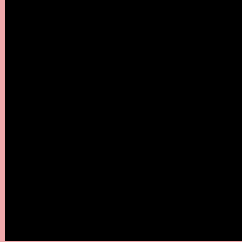
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.1353, 49.6669, 45.1034

Background



This preview shows how black text looks on a background with the XYZ color 57.1353, 49.6669, 45.1034.



This preview shows how white text looks on a background with the XYZ color 57.1353, 49.6669,

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

57.1353, 49.6669, 45.1034

Protanopia

47.7468, 50.0424, 50.3226

Deuteranopia

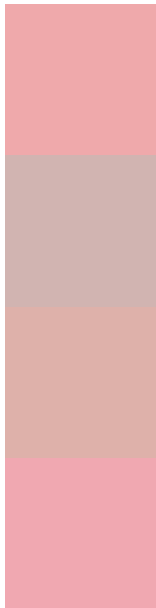
50.8367, 49.9094, 44.4902



Tritanopia

58.1760, 49.8258, 49.7312

Trichromacy



Original Color

57.1353, 49.6669, 45.1034

Protanomaly

50.5516, 49.3722, 48.4604

Deuteranomaly

53.1020, 49.8762, 44.8585

Tritanomaly

57.8736, 49.7049, 48.1387

Monochromacy



Original Color

57.1353, 49.6669, 45.1034

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.2876, 50.2847, 51.8025

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1353, 49.6669, 45.1034 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, 169, 171)` looks like.

```
.text, #text, p{  
    color:rgb(239, 169, 171)  
}
```

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, 169, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 169, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.1353, 49.6669, 45.1034 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, 169, 171) }
```


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

```
.border{ border-color:rgb(239, 169, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 169, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 169, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 169, 171);  
box-shadow:4px 4px 4px 4px rgb(239, 169,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1353, 49.6669, 45.1034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 169, 171) }
```

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

```
.background{ background-color: rgb(239,  
169, 171) }
```

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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