

Converting Colors

XYZ(54.5952, 45.6853, 43.8926)

Have a look what the booklet for
XYZ(54.5952, 45.6853, 43.8926)
contains.

XYZ(54.5789, 45.7031, 43.9752)	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(54.5789, 45.7031,
43.9752)**

Conversions

Conversions Part 1

Format	Color
Hex	ED9FAA
RGB	237, 159, 170
RGB Percent	93%, 62%, 67%
CMY	0.0706, 0.3764, 0.3333
CMYK	0.00, 0.33, 0.28, 0.07
HSL	352°, 68%, 78%
HSV	352°, 33%, 93%
XYZ	54.5789, 45.7031, 43.9752
YIQ	183.5760, 42.9570, 19.9570

Conversions

Conversions Part 2

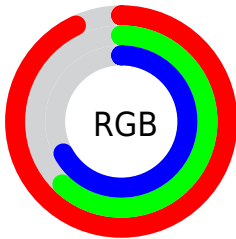
Format	Color
R _Y B	237, 159, 170
Decimal	15572906
CIE Lab	73.35, 30.45, 6.22
CIE LCh	73, 31.079, 11.545
Yxy	45.7031, 0.3783, 0.3168
Android (android.graphics.Color)	4293762986 (0xFFED9FAA)
YUV	183.5760, -6.6930, 46.8528
Hunter-Lab	67.6041, 25.8016, 8.7558

Details

The XYZ color **54.5789, 45.7031, 43.9752** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3117, 73.4314, 83.0556**, and the grayscale version is **45.3464, 47.7080, 51.9540**.

A 20% lighter version of the original color is **78.8772, 74.7894, 81.5127**, and **27.1181, 21.4071, 19.8422** is the 20% darker color. If you saturate the color by 10%, you get **49.1081, 37.6086, 33.3742**, and if you desaturate by 10%, it is **61.1318, 55.4839, 56.4093**.

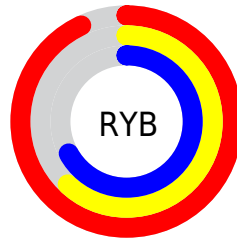
Distribution



Red (93%)

Green (62%)

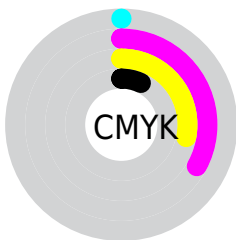
Blue (67%)



Red (93%)

Yellow (62%)

Blue (67%)

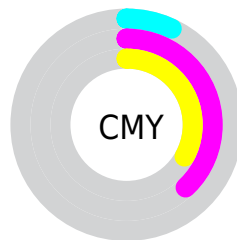


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5789, 45.7031, 43.9752 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 54.5789, 45.7031, 43.9752 by changing the saturation by 10% instead.


 54.5789, 45.7031,
43.9752


 54.5789, 45.7031,
43.9752


394.4761,
369.6137, 378.6455

 39.2972, 32.0116,
30.3140

 96.0756, 83.7745,
82.4825

 27.1728, 21.3704,
19.8229


 123.0214,
108.9232, 108.1656

 17.8403, 13.3950,
12.0836


154.5858,
138.6597, 138.6932

 10.9344, 7.7011,
6.6774

191.1343,
173.3684, 174.4836

 6.0897, 3.9043,
3.1858

233.0322,
213.4338, 215.9555

 2.9409, 1.6202,
1.1903

280.6449,

 1.1226, 0.3711,

259.2402, 263.5275

0.0000

334.3378,
311.1721, 317.6179

■ 0.0439, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5789, 45.7031,
43.9752

■ 54.5789, 45.7031,
43.9752

■ 49.1081, 37.6086,
33.3742

■ 61.1318, 55.4839,
56.4093

■ 44.6572, 31.0987,
24.5167

■ 68.8170, 67.0321,
70.7550

■ 41.1634, 26.0711,
17.3093

■ 77.6864, 80.4313,
87.0894

■ 38.5551, 22.4086,
11.6490

■ 87.7871, 95.7579,
105.4847

■ 36.7508, 19.9764,
7.4208

■ 88.7351, 96.7446,
108.6045

■ 35.6530, 18.6116,
4.4931

■ 35.2054, 18.1167,
3.1105

Harmonies

Analogous

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



54.1978, 45.7031, 59.9185



54.5789, 45.7031, 43.9752



51.7950, 45.7031, 32.3419

Triad

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



54.5789, 45.7031, 43.9752



36.8316, 45.7031, 30.4541



40.1948, 45.7031, 84.1474

Complementary

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



54.5789, 45.7031, 43.9752



58.3117, 73.4314, 83.0556

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.



36.0346, 45.7031, 72.5289



54.5789, 45.7031, 43.9752



34.2082, 45.7031, 40.8250

Square

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



54.5789, 45.7031, 43.9752



41.3685, 45.7031, 25.7030



33.9292, 45.7031, 56.0374



45.5783, 45.7031, 85.4878

Rectangle

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



54.5789, 45.7031, 43.9752



48.6451, 45.7031, 27.7027



33.9292, 45.7031, 56.0374



38.6190, 45.7031, 81.2163

Sweetspot

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



54.5801, 45.7053, 43.9761



84.1194, 83.4643, 88.8385



58.8306, 46.9688, 86.0861



17.7009, 17.4061, 18.4531



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.



54.5801, 45.7053, 43.9761



60.2681, 47.7722, 43.8616



58.8067, 55.7541, 40.4658



15.1520, 15.0886, 16.0855



19.2489, 9.9023, 1.8464



1.5386, 0.7884, 0.2879

Inverse Universe

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



54.5801, 45.7053, 43.9761



60.2681, 47.7722, 43.8616



52.5586, 59.4323, 88.8224



15.1520, 15.0886, 16.0855



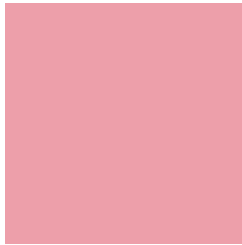
19.2489, 9.9023, 1.8464



1.5386, 0.7884, 0.2879

Previews

White Background



This preview shows how the XYZ color 54.5789, 45.7031, 43.9752 looks on a white background.

Color Contrast Check

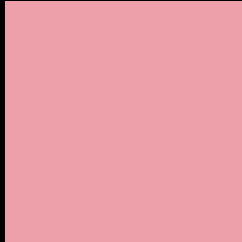
Large Text (above 18pt) WCAG AA × Fail

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 54.5789, 45.7031, 43.9752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

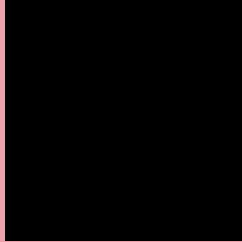
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5789, 45.7031, 43.9752

Background



This preview shows how black text looks on a background with the XYZ color 54.5789, 45.7031, 43.9752.



This preview shows how white text looks on a background with the XYZ color 54.5789, 45.7031,

43.9752.

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

54.5789, 45.7031, 43.9752

Protanopia

44.2932, 46.0872, 50.8172

Deuteranopia

46.7397, 45.7586, 42.9281



Tritanopia

54.6739, 45.7411, 44.4754

Trichromacy



Original Color

54.5789, 45.7031, 43.9752

Protanomaly

47.4170, 45.4159, 48.3865

Deuteranomaly

49.2802, 45.6502, 43.2598

Tritanomaly

54.6739, 45.7411, 44.4754

Monochromacy



Original Color

54.5789, 45.7031, 43.9752

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.0953, 46.6111, 49.1098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5789, 45.7031, 43.9752 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(237, 159, 170)` looks like.

```
.text, #text, p{  
    color:rgb(237, 159, 170)  
}
```

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(237, 159, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 159, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.5789, 45.7031, 43.9752 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(237, 159, 170) }
```


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

```
.border{ border-color:rgb(237, 159, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 159, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 159, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 159, 170);  
box-shadow:4px 4px 4px 4px rgb(237, 159,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5789, 45.7031, 43.9752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 159, 170) }
```

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

```
.background{ background-color: rgb(237,  
159, 170) }
```

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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