

Converting Colors

XYZ(58.6104, 52.6318, 44.9788)

Have a look what the booklet for
XYZ(58.6104, 52.6318, 44.9788)
contains.

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Color

**XYZ(58.5744, 52.6973,
45.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB1AA
RGB	239, 177, 170
RGB Percent	94%, 69%, 67%
CMY	0.0627, 0.3059, 0.3333
CMYK	0.00, 0.26, 0.29, 0.06
HSL	6°, 68%, 80%
HSV	6°, 29%, 94%
XYZ	58.5744, 52.6973, 45.1146
YIQ	194.7400, 39.1990, 10.9670

Conversions

Conversions Part 2

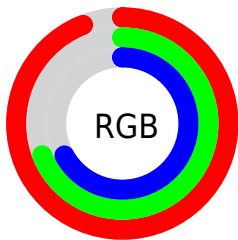
Format	Color
R _Y B	239, 178, 170
Decimal	15708586
CIE Lab	77.70, 21.63, 12.44
CIE LCh	78, 24.955, 29.908
Yxy	52.6973, 0.3745, 0.3370
Android (android.graphics.Color)	4293898666 (0xFFEFB1AA)
YUV	194.7400, -12.1968, 38.8160
Hunter-Lab	72.5929, 16.9921, 13.9678

Details

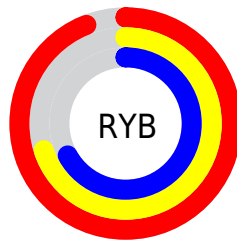
The XYZ color **58.5744, 52.6973, 45.1146** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.0131, 72.4887, 92.4374**, and the grayscale version is **51.7722, 54.4684, 59.3160**.

A 20% lighter version of the original color is **83.9695, 84.9741, 83.2101**, and **29.7691, 25.6684, 20.5250** is the 20% darker color. If you saturate the color by 10%, you get **52.6030, 44.0495, 32.9654**, and if you desaturate by 10%, it is **65.6271, 62.8492, 59.6531**.

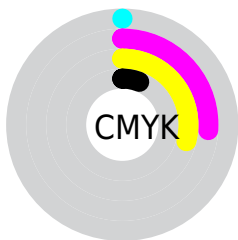
Distribution



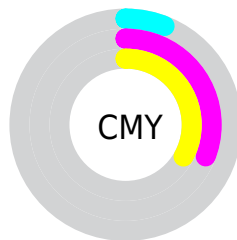
- Red (94%)
- Green (69%)
- Blue (67%)



- Red (94%)
- Yellow (70%)
- Blue (67%)



- Cyan (0%)
- Magenta (26%)
- Yellow (29%)
- Black (6%)




- Cyan (6%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5744, 52.6973, 45.1146 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 58.5744, 52.6973, 45.1146 by changing the saturation by 10% instead.


 58.5744, 52.6973,
45.1146

 58.5744, 52.6973,
45.1146


409.2423,
397.1227, 383.4111

 42.5157, 37.5612,
31.2041


 101.8770, 94.1588,
84.2126

 29.6981, 25.6423,
20.4945


129.8516,
121.2530, 110.2372

 19.7565, 16.5562,
12.5674


162.5288,
153.1019, 141.1369

 12.3254, 9.9186,
7.0041

200.2741,
190.0901, 177.3303

 7.0395, 5.3450,
3.3862

243.4527,
232.6019, 219.2359

 3.5334, 2.4511,
1.2951

292.4300,

 1.4417, 0.8520,

281.0216, 267.2722

0.0577

347.5715,
335.7338, 321.8578

■ 0.2856, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5744, 52.6973,
45.1146

■ 58.5744, 52.6973,
45.1146

■ 52.6030, 44.0495,
32.9654

■ 65.6271, 62.8492,
59.6531

■ 47.6552, 36.8273,
23.0745

■ 73.8065, 74.5643,
76.6958

■ 43.6744, 30.9562,
15.3033

■ 83.1607, 87.9074,
96.3542

■ 40.5969, 26.3518,
9.4964

■ 89.4066, 97.0907,
108.6359

■ 38.3508, 22.9205,
5.4774

■ 36.8536, 20.5554,
3.0381

■ 35.9963, 19.1264,
1.8721

■ 35.9287, 19.0149,
1.7766

Harmonies

Analogous

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



59.9577, 52.6973, 57.4209



58.5744, 52.6973, 45.1146



54.8882, 52.6973, 37.3090

Triad

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



58.5744, 52.6973, 45.1146



42.4755, 52.6973, 45.0519



50.0724, 52.6973, 88.2891

Complementary

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



58.5744, 52.6973, 45.1146



61.0131, 72.4887, 92.4374

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.



45.5746, 52.6973, 83.5981



58.5744, 52.6973, 45.1146



41.3642, 52.6973, 57.3359

Square

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



58.5744, 52.6973, 45.1146



45.5988, 52.6973, 37.2771



42.4622, 52.6973, 71.6848



54.8609, 52.6973, 83.6528

Rectangle

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



58.5744, 52.6973, 45.1146



51.7318, 52.6973, 34.9783



42.4622, 52.6973, 71.6848



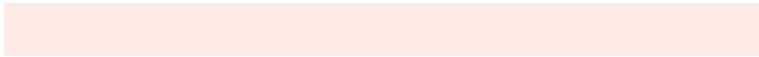
48.4778, 52.6973, 87.7419

Sweetspot

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



58.5758, 52.6998, 45.1157



85.3437, 86.1512, 88.5119



64.5513, 52.9326, 83.2333



17.9537, 17.9919, 18.2899



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.



58.5758, 52.6998, 45.1157



63.3932, 54.5903, 43.1521



66.2464, 68.0409, 47.6725



15.9019, 16.0169, 16.4032



19.8983, 10.5946, 0.9962



1.6983, 0.9673, 0.0972

Inverse Universe

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



61.0131, 72.4887, 92.4374



66.6608, 81.1746, 106.7626



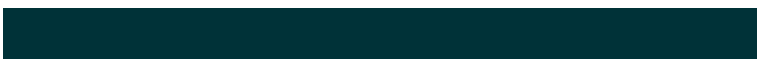
52.2608, 54.9841, 89.5200



16.1023, 17.6386, 20.2775



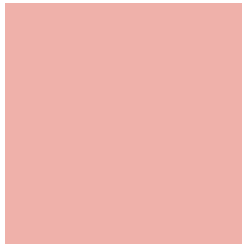
22.0579, 30.3400, 49.8215



1.8742, 2.6025, 4.1578

Previews

White Background



This preview shows how the XYZ color 58.5744, 52.6973, 45.1146 looks on a white background.

Color Contrast Check

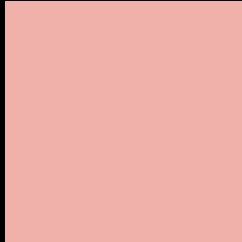
Large Text (above 18pt) WCAG AA × Fail

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 58.5744, 52.6973, 45.1146 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 58.5744, 52.6973, 45.1146

Background



This preview shows how black text looks on a background with the XYZ color 58.5744, 52.6973, 45.1146.



This preview shows how white text looks on a background with the XYZ color 58.5744, 52.6973,

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

58.5744, 52.6973, 45.1146

Protanopia

50.4387, 53.0557, 49.7019

Deuteranopia

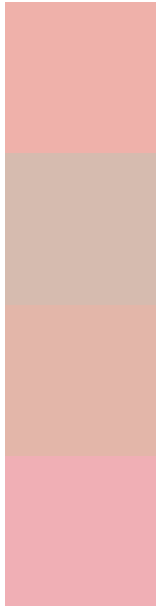
53.9320, 52.7407, 44.3832



Tritanopia

60.4888, 52.6037, 54.5424

Trichromacy



Original Color

58.5744, 52.6973, 45.1146

Protanomaly

53.2397, 52.9319, 47.9683

Deuteranomaly

55.5679, 52.6514, 44.7701

Tritanomaly

59.6056, 52.5214, 50.7121

Monochromacy



Original Color

58.5744, 52.6973, 45.1146

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7101, 53.3605, 53.9232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5744, 52.6973, 45.1146 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, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 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(239, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 170) }
```

Border

The CSS property to change the border of an element to XYZ 58.5744, 52.6973, 45.1146 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, 177, 170) }
```


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

```
.border{ border-color:rgb(239, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5744, 52.6973, 45.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 170) }
```

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

```
.background{ background-color: rgb(239,  
177, 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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