

Converting Colors

XYZ(58.8325, 54.1663, 42.9809)

Have a look what the booklet for
XYZ(58.8325, 54.1663, 42.9809)
contains.

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Color

**XYZ(58.9120, 54.1151,
42.9376)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB5A5
RGB	239, 181, 165
RGB Percent	94%, 71%, 65%
CMY	0.0627, 0.2902, 0.3529
CMYK	0.00, 0.24, 0.31, 0.06
HSL	13°, 70%, 79%
HSV	13°, 31%, 94%
XYZ	58.9120, 54.1151, 42.9376
YIQ	196.5180, 39.7040, 7.3200

Conversions

Conversions Part 2

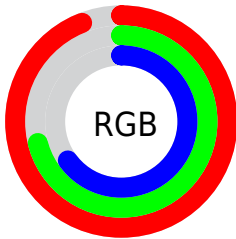
Format	Color
R _Y B	239, 185, 165
Decimal	15709605
CIE Lab	78.53, 18.86, 16.32
CIE LCh	79, 24.937, 40.868
Yxy	54.1151, 0.3777, 0.3470
Android (android.graphics.Color)	4293899685 (0xFFEFB5A5)
YUV	196.5180, -15.5384, 37.2567
Hunter-Lab	73.5630, 14.2143, 16.8874

Details

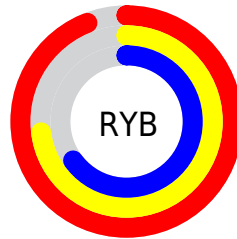
The XYZ color **58.9120, 54.1151, 42.9376** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.4838, 67.0044, 91.5649**, and the grayscale version is **52.8555, 55.6081, 60.5572**.

A 20% lighter version of the original color is **84.4425, 86.9957, 80.0514**, and **29.9912, 26.5757, 19.1717** is the 20% darker color. If you saturate the color by 10%, you get **53.3808, 46.2146, 31.3457**, and if you desaturate by 10%, it is **65.3647, 63.2074, 56.8432**.

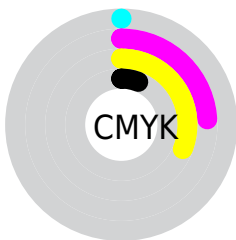
Distribution



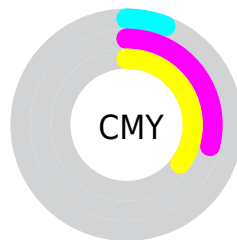
- Red (94%)
- Green (71%)
- Blue (65%)



- Red (94%)
- Yellow (73%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9120, 54.1151, 42.9376 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 58.9120, 54.1151, 42.9376 by changing the saturation by 10% instead.


 58.9120, 54.1151,
42.9376


 58.9120, 54.1151,
42.9376

410.4750,
402.5488, 374.2688

 42.7884, 38.6937,
29.5051


 102.3651, 96.2432,
80.9020

 29.9129, 26.5215,
19.2144


 130.4253,
123.7187, 106.2711

 19.9202, 17.2142,
11.6469


163.1951,
155.9810, 136.4560

 12.4450, 10.3873,
6.3841

201.0398,
193.4146, 171.8755

 7.1219, 5.6565,
3.0075

244.3248,
236.4037, 212.9479

 3.5854, 2.6374,
1.0985

293.4154,

 1.4704, 0.9455,

285.3329, 260.0919

0.0000

348.6770,
340.5864, 313.7260

■ 0.3055, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9120, 54.1151,
42.9376

■ 58.9120, 54.1151,
42.9376

■ 53.3808, 46.2146,
31.3457

■ 65.3647, 63.2074,
56.8432

■ 48.7238, 39.4486,
21.9381

■ 72.7746, 73.5305,
73.1760

■ 44.8958, 33.7665,
14.5774

■ 81.1809, 85.1312,
92.0456

■ 41.8459, 29.1105,
9.1092

■ 89.4066, 97.0907,
108.6359

■ 39.5168, 25.4176,
5.3569

■ 37.8425, 22.6169,
3.1100

■ 36.8109, 20.7793,
2.0707

Harmonies

Analogous

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



61.2779, 54.1151, 53.9681



58.9120, 54.1151, 42.9376



54.5924, 54.1151, 36.8853

Triad

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



58.9120, 54.1151, 42.9376



43.0185, 54.1151, 50.4950



53.2361, 54.1151, 89.6746

Complementary

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



58.9120, 54.1151, 42.9376



57.4838, 67.0044, 91.5649

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.



48.4013, 54.1151, 88.3466



58.9120, 54.1151, 42.9376



42.7066, 54.1151, 64.1704

Square

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



58.9120, 54.1151, 42.9376



45.4996, 54.1151, 40.7444



44.6186, 54.1151, 78.4502



57.8649, 54.1151, 81.8329

Rectangle

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



58.9120, 54.1151, 42.9376



51.2918, 54.1151, 35.8051



44.6186, 54.1151, 78.4502



51.5780, 54.1151, 90.3139

Sweetspot

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



58.9134, 54.1176, 42.9387



86.1007, 87.6653, 88.7643



62.5338, 50.6542, 77.1449



18.1387, 18.3618, 18.3515



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.



58.9134, 54.1176, 42.9387



64.1775, 56.8915, 41.1553



67.1498, 70.5903, 45.6841



16.0499, 16.3130, 16.4525



20.4205, 11.6391, 1.1703



1.7696, 1.1098, 0.1210

Inverse Universe

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



57.4838, 67.0044, 91.5649



62.2696, 73.9450, 105.5986



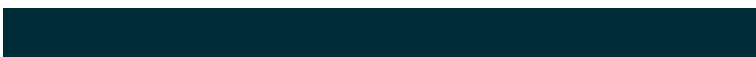
48.9104, 49.8575, 88.7070



15.9404, 17.3149, 20.2236



18.5665, 23.3573, 48.6577



1.6157, 2.0854, 4.0716

Previews

White Background



This preview shows how the XYZ color 58.9120, 54.1151, 42.9376 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 58.9120, 54.1151, 42.9376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

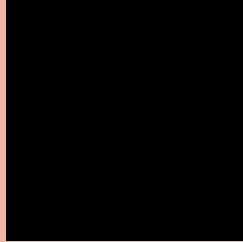
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9120, 54.1151, 42.9376

Background



This preview shows how black text looks on a background with the XYZ color 58.9120, 54.1151, 42.9376.



This preview shows how white text looks on a background with the XYZ color 58.9120, 54.1151,

42.9376.

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

58.9120, 54.1151, 42.9376

Protanopia

51.3668, 54.2586, 46.7954

Deuteranopia

55.2116, 54.0683, 42.6482



Tritanopia

61.7441, 54.0831, 56.4750

Trichromacy



Original Color

58.9120, 54.1151, 42.9376

Protanomaly

53.6779, 53.8587, 45.1028

Deuteranomaly

56.3629, 54.0363, 42.5814

Tritanomaly

60.6395, 53.9190, 51.4673

Monochromacy



Original Color

58.9120, 54.1151, 42.9376

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.5391, 54.7614, 53.5944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9120, 54.1151, 42.9376 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, 181, 165)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 165)  
}
```

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, 181, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 165) }
```

Border

The CSS property to change the border of an element to XYZ 58.9120, 54.1151, 42.9376 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, 181, 165) }
```


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

```
.border{ border-color:rgb(239, 181, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 181, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 181, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 181, 165);  
box-shadow:4px 4px 4px 4px rgb(239, 181,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9120, 54.1151, 42.9376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 165) }
```

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

```
.background{ background-color: rgb(239,  
181, 165) }
```

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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