

Converting Colors

XYZ(57.0769, 54.3501, 30.1295)

Have a look what the booklet for
XYZ(57.0769, 54.3501, 30.1295)
contains.

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Color

**XYZ(57.0402, 54.3529,
30.0391)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB886
RGB	239, 184, 134
RGB Percent	94%, 72%, 53%
CMY	0.0627, 0.2784, 0.4745
CMYK	0.00, 0.23, 0.44, 0.06
HSL	29°, 77%, 73%
HSV	29°, 44%, 94%
XYZ	57.0402, 54.3529, 30.0391
YIQ	194.7450, 48.8300, -3.8900

Conversions

Conversions Part 2

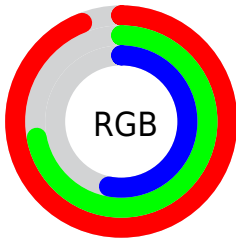
Format	Color
R _Y B	239, 229, 134
Decimal	15710342
CIE Lab	78.67, 13.70, 33.02
CIE LCh	79, 35.749, 67.469
Yxy	54.3529, 0.4033, 0.3843
Android (android.graphics.Color)	4293900422 (0xFFEFB886)
YUV	194.7450, -29.9473, 38.8116
Hunter-Lab	73.7244, 9.0868, 27.4493

Details

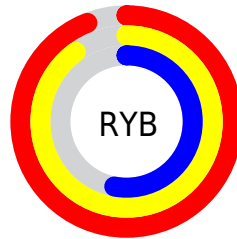
The XYZ color **57.0402, 54.3529, 30.0391** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.6085, 47.6938, 88.5688**, and the grayscale version is **51.8734, 54.5748, 59.4320**.

A 20% lighter version of the original color is **81.4772, 87.2110, 60.1161**, and **28.7726, 26.6964, 12.0240** is the 20% darker color. If you saturate the color by 10%, you get **53.0719, 48.7893, 21.4010**, and if you desaturate by 10%, it is **61.6180, 60.5326, 40.7398**.

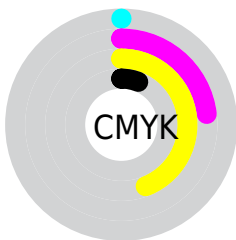
Distribution



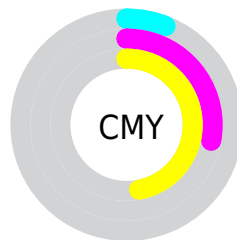
- Red (94%)
- Green (72%)
- Blue (53%)



- Red (94%)
- Yellow (90%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (6%)





- Cyan (6%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0402, 54.3529, 30.0391 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 57.0402, 54.3529, 30.0391 by changing the saturation by 10% instead.


 57.0402, 54.3529,
30.0391


 57.0402, 54.3529,
30.0391


403.6117,
403.4543, 316.2996


 41.2778, 38.8839,
19.6160


 99.6549, 96.5922,
60.7857

 28.7248, 26.6694,
11.9349


 127.2378,
124.1313, 81.9463

 19.0160, 17.3251,
6.5774

 159.4917,
156.4625, 107.5232

 11.7859, 10.4665,
3.1248

196.7818,
193.9702, 137.9347

 6.6692, 5.7094,
1.1587

239.4734,
237.0389, 173.5997

 3.3006, 2.6692,
0.0000

287.9321,

 1.3146, 0.9616,

286.0528, 214.9364

0.0000

342.5230,
341.3965, 262.3636

■ 0.1941, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0402, 54.3529,
30.0391

■ 57.0402, 54.3529,
30.0391

■ 53.0719, 48.7893,
21.4010

■ 61.6180, 60.5326,
40.7398

■ 49.6775, 43.8119,
14.6851

■ 66.8304, 67.3414,
53.6245

■ 46.8232, 39.3994,
9.7380

■ 72.7055, 74.8014,
68.8089

■ 44.4690, 35.5254,
6.3812

■ 79.2686, 82.9314,
86.3995

■ 42.5674, 32.1600,
4.3975

■ 86.5435, 91.7490,
106.4962

■ 41.5938, 30.3450,
3.6649

■ 89.4066, 97.0907,
108.6359

Harmonies

Analogous

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



63.2041, 54.3529, 38.5369



57.0402, 54.3529, 30.0391



49.9157, 54.3529, 28.3916

Triad

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



57.0402, 54.3529, 30.0391



39.3336, 54.3529, 64.3815



60.3689, 54.3529, 95.7205

Complementary

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



57.0402, 54.3529, 30.0391



43.6085, 47.6938, 88.5688

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.



53.4461, 54.3529, 106.7170



57.0402, 54.3529, 30.0391



41.6162, 54.3529, 86.1293

Square

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



57.0402, 54.3529, 30.0391



40.1066, 54.3529, 45.4962



46.6307, 54.3529, 102.8563



65.2448, 54.3529, 75.3670

Rectangle

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



57.0402, 54.3529, 30.0391



45.6473, 54.3529, 30.9493



46.6307, 54.3529, 102.8563



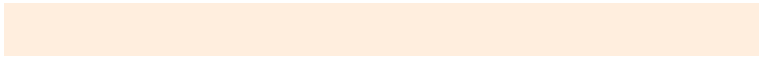
58.1806, 54.3529, 100.8227

Sweetspot

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



57.0416, 54.3555, 30.0402



84.8738, 87.4640, 81.4108



53.4163, 39.1192, 53.4511



17.8260, 18.2937, 16.5290



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.



57.0416, 54.3555, 30.0402



61.8060, 56.9823, 25.4628



69.7515, 79.7754, 34.2768



16.3938, 17.0006, 16.5671



23.1152, 17.0285, 2.0685



2.0220, 1.6146, 0.2051

Inverse Universe

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



43.6085, 47.6938, 88.5688



44.3265, 48.3055, 101.5954



34.4290, 29.3348, 85.5089



15.5824, 16.5989, 20.1042



12.8076, 11.8394, 46.7381



1.1651, 1.1841, 3.9214

Previews

White Background



This preview shows how the XYZ color 57.0402, 54.3529, 30.0391 looks on a white background.

Color Contrast Check

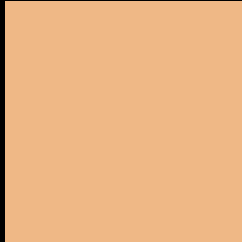
Large Text (above 18pt) WCAG AA × Fail

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 57.0402, 54.3529, 30.0391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

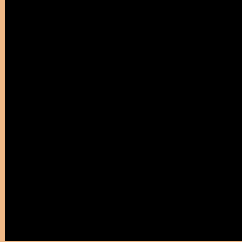
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0402, 54.3529, 30.0391

Background



This preview shows how black text looks on a background with the XYZ color 57.0402, 54.3529, 30.0391.



This preview shows how white text looks on a background with the XYZ color 57.0402, 54.3529,

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

57.0402, 54.3529, 30.0391

Protanopia

50.7536, 54.5959, 32.2892

Deuteranopia

55.6082, 54.5577, 29.7901



Tritanopia

62.3246, 54.3951, 55.9296

Trichromacy



Original Color

57.0402, 54.3529, 30.0391

Protanomaly

52.9650, 54.4399, 31.3833

Deuteranomaly

56.0535, 54.4734, 29.7504

Tritanomaly

60.1949, 54.4220, 45.3621

Monochromacy



Original Color

57.0402, 54.3529, 30.0391

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.0376, 54.1276, 47.1875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0402, 54.3529, 30.0391 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, 184, 134)` looks like.

```
.text, #text, p{  
    color:rgb(239, 184, 134)  
}
```

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, 184, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 184, 134) }
```

Border

The CSS property to change the border of an element to XYZ 57.0402, 54.3529, 30.0391 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, 184, 134) }
```


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

```
.border{ border-color:rgb(239, 184, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 184, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 184, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 184, 134);  
box-shadow:4px 4px 4px 4px rgb(239, 184,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0402, 54.3529, 30.0391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 184, 134) }
```

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

```
.background{ background-color: rgb(239,  
184, 134) }
```

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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