

Converting Colors

XYZ(54.2339, 50.0773, 30.3160)

Have a look what the booklet for
XYZ(54.2339, 50.0773, 30.3160)
contains.

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Color

**XYZ(54.4374, 50.2990,
30.5064)**

Conversions

Conversions Part 1

Format	Color
Hex	ECAF89
RGB	236, 175, 137
RGB Percent	93%, 69%, 54%
CMY	0.0745, 0.3137, 0.4627
CMYK	0.00, 0.26, 0.42, 0.07
HSL	23°, 72%, 73%
HSV	23°, 42%, 93%
XYZ	54.4374, 50.2990, 30.5064
YIQ	188.9070, 48.5540, 1.1140

Conversions

Conversions Part 2

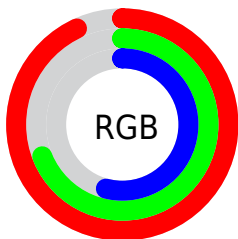
Format	Color
R _Y B	236, 199, 137
Decimal	15511433
CIE Lab	76.25, 17.59, 28.19
CIE LCh	76, 33.225, 58.031
Yxy	50.2990, 0.4025, 0.3719
Android (android.graphics.Color)	4293701513 (0xFFECA89)
YUV	188.9070, -25.5902, 41.3006
Hunter-Lab	70.9218, 12.8980, 24.1422

Details

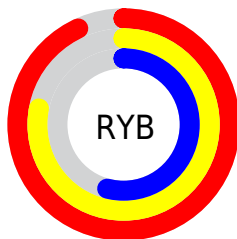
The XYZ color **54.4374, 50.2990, 30.5064** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.6500, 51.7605, 86.9415**, and the grayscale version is **48.4400, 50.9627, 55.4983**.

A 20% lighter version of the original color is **79.2199, 82.1734, 60.9759**, and **27.0399, 24.0722, 12.2381** is the 20% darker color. If you saturate the color by 10%, you get **50.2471, 44.3377, 21.6513**, and if you desaturate by 10%, it is **59.3053, 57.0227, 41.4150**.

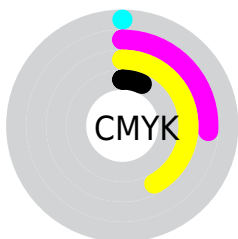
Distribution



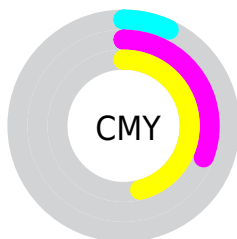
- Red (93%)
- Green (69%)
- Blue (54%)



- Red (93%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4374, 50.2990, 30.5064 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 54.4374, 50.2990, 30.5064 by changing the saturation by 10% instead.


 54.4374, 50.2990,
30.5064

 54.4374, 50.2990,
30.5064


393.9469,
387.8341, 318.5383


 39.1835, 35.6510,
19.9680


 95.8693, 90.6177,
61.5325

 27.0839, 24.1648,
12.1879


 122.7780,
117.0573, 82.8573

 17.7732, 15.4559,
6.7477


 154.3025,
148.1962, 108.6147

 10.8859, 9.1400,
3.2288

190.8079,
184.4187, 139.2231

 6.0569, 4.8326,
1.2126

232.6597,
226.1094, 175.1011

 2.9207, 2.1494,
0.0000

280.2232,

 1.1120, 0.6922,

273.6526, 216.6673

0.0000

333.8639,
327.4327, 264.3402

■ 0.0351, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4374, 50.2990,
30.5064

■ 54.4374, 50.2990,
30.5064

■ 50.2471, 44.3377,
21.6513

■ 59.3053, 57.0227,
41.4150

■ 46.6965, 39.1026,
14.7150

■ 64.8783, 64.5288,
54.4941

■ 43.7496, 34.5650,
9.5513

■ 71.1870, 72.8455,
69.8552

■ 41.3641, 30.6910,
5.9912

■ 78.2587, 81.9973,
87.6013

■ 39.4910, 27.4428,
3.8318

■ 86.1193, 92.0075,
107.8280

■ 38.2989, 25.2466,
2.8545

■ 88.4020, 96.5728,
108.5889

Harmonies

Analogous

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



59.1850, 50.2990, 40.1696



54.4374, 50.2990, 30.5064



48.2206, 50.2990, 27.1292

Triad

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



54.4374, 50.2990, 30.5064



36.8033, 50.2990, 53.5964



53.6635, 50.2990, 90.9906

Complementary

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



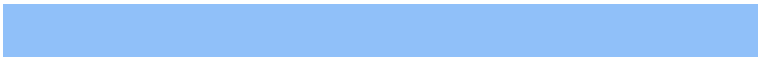
54.4374, 50.2990, 30.5064



45.6500, 51.7605, 86.9415

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.



47.3972, 50.2990, 96.7263



54.4374, 50.2990, 30.5064



37.9907, 50.2990, 72.5312

Square

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



54.4374, 50.2990, 30.5064



38.3450, 50.2990, 38.5314



41.7394, 50.2990, 89.3466



58.7116, 50.2990, 75.0221

Rectangle

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



54.4374, 50.2990, 30.5064



44.1934, 50.2990, 28.1851



41.7394, 50.2990, 89.3466



51.6138, 50.2990, 94.3135

Sweetspot

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



54.4387, 50.3014, 30.5074



83.9918, 85.7001, 81.1168



53.7367, 39.8041, 58.3073



17.6091, 17.8600, 16.4567



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.



54.4387, 50.3014, 30.5074



60.7165, 54.0314, 27.4789



65.8842, 73.1925, 34.3226



15.5395, 16.0020, 15.7884



21.2270, 14.1483, 1.6121



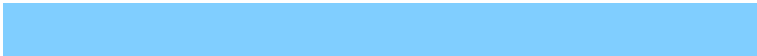
1.7574, 1.2921, 0.1568

Inverse Universe

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



45.6500, 51.7605, 86.9415



48.9613, 55.9389, 102.8245



36.1337, 32.7278, 83.7694



15.0039, 16.0943, 19.2380



14.0898, 14.8267, 45.8622



1.1990, 1.3494, 3.6321

Previews

White Background



This preview shows how the XYZ color 54.4374, 50.2990, 30.5064 looks on a white background.

Color Contrast Check

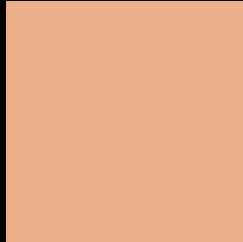
Large Text (above 18pt) WCAG AA × Fail

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 54.4374, 50.2990, 30.5064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

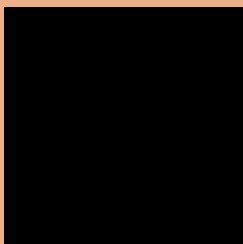
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4374, 50.2990, 30.5064

Background



This preview shows how black text looks on a background with the XYZ color 54.4374, 50.2990, 30.5064.



This preview shows how white text looks on a background with the XYZ color 54.4374, 50.2990,

30.5064.

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

54.4374, 50.2990, 30.5064

Protanopia

47.2983, 50.5062, 33.2424

Deuteranopia

51.1966, 50.1081, 30.2660



Tritanopia

58.5666, 50.2786, 50.8739

Trichromacy



Original Color

54.4374, 50.2990, 30.5064

Protanomaly

49.4728, 50.0862, 32.2594

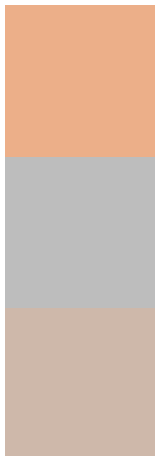
Deuteranomaly

52.3592, 50.1123, 30.2056

Tritanomaly

57.0424, 50.2297, 42.7652

Monochromacy



Original Color

54.4374, 50.2990, 30.5064

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.8498, 50.3051, 45.1127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4374, 50.2990, 30.5064 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(236, 175, 137)` looks like.

```
.text, #text, p{  
    color:rgb(236, 175, 137)  
}
```

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(236, 175, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 175, 137) }
```

Border

The CSS property to change the border of an element to XYZ 54.4374, 50.2990, 30.5064 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(236, 175, 137) }
```


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

```
.border{ border-color:rgb(236, 175, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 175, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 175, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 175, 137);  
box-shadow:4px 4px 4px 4px rgb(236, 175,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4374, 50.2990, 30.5064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 175, 137) }
```

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

```
.background{ background-color: rgb(236,  
175, 137) }
```

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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