

# Converting Colors

XYZ(54.6506, 54.3634, 30.1983)

Have a look what the booklet for  
XYZ(54.6506, 54.3634, 30.1983)  
contains.

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# Color

**XYZ(54.5994, 54.3457,  
30.1663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5BC86
RGB	229, 188, 134
RGB Percent	90%, 74%, 53%
CMY	0.1020, 0.2627, 0.4745
CMYK	0.00, 0.18, 0.41, 0.10
HSL	34°, 65%, 71%
HSV	34°, 41%, 90%
XYZ	54.5994, 54.3457, 30.1663
YIQ	194.1030, 41.7700, -8.1020

# Conversions

## Conversions Part 2

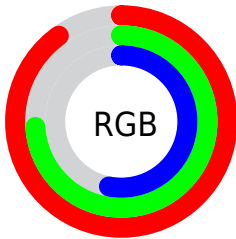
Format	Color
R <sub>Y</sub> B	206, 229, 134
Decimal	15056006
CIE Lab	78.66, 7.61, 32.83
CIE LCh	79, 33.701, 76.945
Yxy	54.3457, 0.3925, 0.3907
Android (android.graphics.Color)	4293246086 (0xFFE5BC86)
YUV	194.1030, -29.6308, 30.6047
Hunter-Lab	73.7195, 3.1945, 27.3420

# Details

The XYZ color **54.5994, 54.3457, 30.1663** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.3038, 41.3839, 80.0450**, and the grayscale version is **51.4929, 54.1746, 58.9961**.

A 20% lighter version of the original color is **82.6678, 89.5922, 60.5129**, and **27.2775, 26.7387, 12.1109** is the 20% darker color. If you saturate the color by 10%, you get **51.1330, 49.6981, 21.9660**, and if you desaturate by 10%, it is **58.5589, 59.4259, 40.2383**.

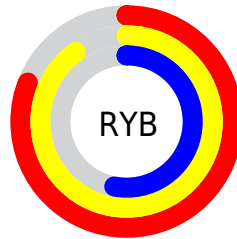
# Distribution



Red (90%)

Green (74%)

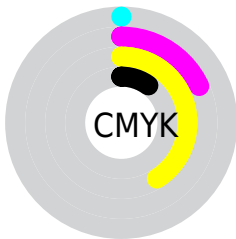
Blue (53%)



Red (81%)

Yellow (90%)

Blue (53%)

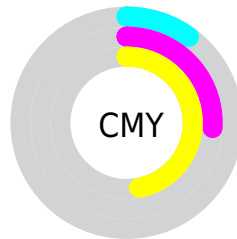


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (10%)



Cyan (10%)

Magenta (26%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5994, 54.3457, 30.1663 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 54.5994, 54.3457, 30.1663 by changing the saturation by 10% instead.



54.5994, 54.3457,  
30.1663

54.5994, 54.3457,  
30.1663

394.5528,  
403.4269, 316.9102

39.3137, 38.8781,  
19.7117

96.1055, 96.5816,  
60.9892

27.1856, 26.6649,  
12.0037

123.0566,  
124.1188, 82.1946

17.8500, 17.3217,  
6.6236

154.6268,  
156.4479, 107.8207

10.9414, 10.4641,  
3.1530

191.1816,  
193.9534, 138.2860

6.0944, 5.7078,  
1.1733

233.0862,  
237.0196, 174.0090

2.9438, 2.6682,  
0.0000

280.7060,

1.1241, 0.9611,

286.0310, 215.4084

0.0000

334.4064,  
341.3720, 262.9026

■ 0.0451, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.5994, 54.3457,  
30.1663

■ 54.5994, 54.3457,  
30.1663

■ 51.1330, 49.6981,  
21.9660

■ 58.5589, 59.4259,  
40.2383

■ 48.1303, 45.4607,  
15.5145


■ 63.0309, 64.9447,  
52.2877


■ 45.5644, 41.6200,  
10.6789


■ 68.0382, 70.9179,  
66.4163


■ 43.4033, 38.1583,  
7.3061


■ 73.6012, 77.3576,  
82.7176

 41.6092, 35.0554,  
5.2121

 79.7389, 84.2757,  
101.2797

 40.3198, 32.6715,  
4.1811

 83.7148, 90.5815,  
107.6795

 86.1231, 95.3980,  
108.4822

# Harmonies

## Analogous

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



60.8938, 54.3457, 36.2272



54.5994, 54.3457, 30.1663



48.0128, 54.3457, 30.5791

# Triad

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



54.5994, 54.3457, 30.1663



40.3525, 54.3457, 70.5123



61.5819, 54.3457, 87.8915

# Complementary

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



54.5994, 54.3457, 30.1663



39.3038, 41.3839, 80.0450

# 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.



55.4747, 54.3457, 101.6192



54.5994, 54.3457, 30.1663



43.3995, 54.3457, 90.2016

# Square

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



54.5994, 54.3457, 30.1663



40.1620, 54.3457, 51.2734



48.8164, 54.3457, 102.5454



65.1522, 54.3457, 67.8455



# Rectangle

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



54.5994, 54.3457, 30.1663



44.3367, 54.3457, 34.4463



48.8164, 54.3457, 102.5454



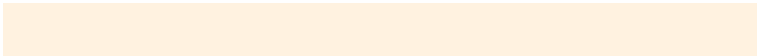
59.7350, 54.3457, 93.5693

# Sweetspot

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



54.6008, 54.3483, 30.1674



86.4401, 90.0461, 83.6305



48.5927, 36.8104, 45.1878



18.3146, 19.0529, 17.3644



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.



54.6008, 54.3483, 30.1674



65.7533, 64.1050, 29.1579



62.6513, 73.3949, 33.4195



15.0536, 15.7211, 15.1455



23.1748, 18.9237, 2.4312



1.8044, 1.5822, 0.2103



# Inverse Universe

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



39.3038, 41.3839, 80.0450



43.7115, 45.4395, 101.0746



33.5399, 28.3124, 77.8258



14.0918, 14.9049, 18.2786



10.7420, 8.5460, 43.4666



0.8846, 0.8131, 3.2423



# Previews

## White Background



This preview shows how the XYZ color 54.5994, 54.3457, 30.1663 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

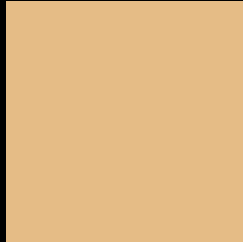
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.5994, 54.3457, 30.1663 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

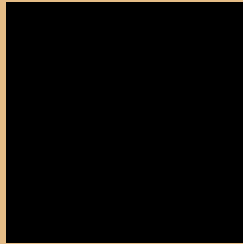
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.5994, 54.3457, 30.1663**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.5994, 54.3457, 30.1663.



This preview shows how white text looks on a background with the XYZ color 54.5994, 54.3457,



# 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

54.5994, 54.3457, 30.1663

### Protanopia

50.6088, 54.5380, 31.5264

### Deuteranopia

55.6777, 54.5855, 30.1558



## Tritanopia

60.3198, 54.1997, 58.3213

# Trichromacy



## Original Color

54.5994, 54.3457, 30.1663

## Protanomaly

51.9088, 54.2286, 31.0238

## Deuteranomaly

55.3521, 54.4177, 30.1405

## Tritanomaly

57.9842, 54.1692, 46.4293

# Monochromacy



## Original Color

54.5994, 54.3457, 30.1663

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

52.0282, 53.9432, 46.6996

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5994, 54.3457, 30.1663 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(229, 188, 134)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 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(229, 188, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 134) }
```

## Border

The CSS property to change the border of an element to XYZ 54.5994, 54.3457, 30.1663 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(229, 188, 134) }
```



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

```
.border{ border-color:rgb(229, 188, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 188, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 188, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 188, 134); box-shadow:4px 4px 4px 4px rgb(229, 188, 134) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.5994, 54.3457, 30.1663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 134) }
```

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

```
.background{ background-color: rgb(229,  
188, 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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