

Converting Colors

XYZ(55.3707, 54.1151, 31.1942)

Have a look what the booklet for
XYZ(55.3707, 54.1151, 31.1942)
contains.

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Color

**XYZ(55.3530, 54.0798,
31.1879)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BA89
RGB	232, 186, 137
RGB Percent	91%, 73%, 54%
CMY	0.0902, 0.2706, 0.4627
CMYK	0.00, 0.20, 0.41, 0.09
HSL	31°, 67%, 72%
HSV	31°, 41%, 91%
XYZ	55.3530, 54.0798, 31.1879
YIQ	194.1680, 43.1450, -5.4870

Conversions

Conversions Part 2

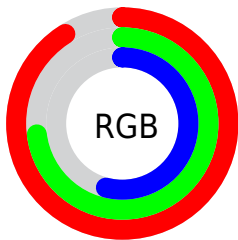
Format	Color
R_{YB}	226, 232, 137
Decimal	15252105
CIE _{Lab}	78.51, 10.18, 31.11
CIE _{LCh}	79, 32.732, 71.875
Yxy	54.0798, 0.3936, 0.3846
Android (android.graphics.Color)	4293442185 (0xFFE8BA89)
YUV	194.1680, -28.1838, 33.1787
Hunter-Lab	73.5390, 5.6643, 26.3324

Details

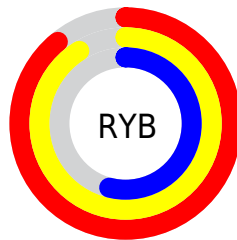
The XYZ color **55.3530, 54.0798, 31.1879** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.8148, 45.0098, 82.8278**, and the grayscale version is **51.5226, 54.2058, 59.0301**.

A 20% lighter version of the original color is **82.3961, 88.5258, 62.0347**, and **27.7464, 26.5609, 12.4685** is the 20% darker color. If you saturate the color by 10%, you get **51.5906, 48.9381, 22.5873**, and if you desaturate by 10%, it is **59.6620, 59.7418, 41.7371**.

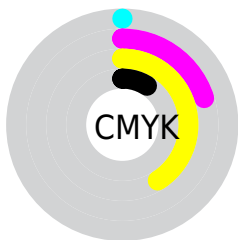
Distribution



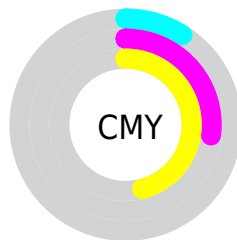
- Red (91%)
- Green (73%)
- Blue (54%)



- Red (89%)
- Yellow (91%)
- Blue (54%)



- Cyan (0%)
- Magenta (20%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3530, 54.0798, 31.1879 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 55.3530, 54.0798, 31.1879 by changing the saturation by 10% instead.

55.3530, 54.0798,
31.1879

55.3530, 54.0798,
31.1879

397.3633,
402.4142, 321.7810

39.9194, 38.6655,
20.4823

97.2033, 96.1914,
62.6188

27.6596, 26.4996,
12.5586

124.3506,
123.6575, 84.1812

18.2084, 17.1978,
6.9982

156.1333,
155.9095, 110.1997

11.2003, 10.3756,
3.3825

192.9166,
193.3321, 141.0926

6.2700, 5.6487,
1.2931

235.0659,
236.3094, 177.2787

3.0522, 2.6327,
0.0561

282.9465,

1.1814, 0.9431,

285.2259, 219.1765

0.0000

336.9239,
340.4661, 267.2044

■ 0.0916, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3530, 54.0798,
31.1879

■ 55.3530, 54.0798,
31.1879

■ 51.5906, 48.9381,
22.5873

■ 59.6620, 59.7418,
41.7371

■ 48.3434, 44.2913,
15.8088

■ 64.5387, 65.9331,
54.3441

■ 45.5823, 40.1228,
10.7156

■ 70.0079, 72.6721,
69.1138

■ 43.2733, 36.4115,
7.1502

■ 76.0917, 79.9736,
86.1429

41.3760, 33.1338,
4.9243

82.8107, 87.8521,
105.5224

39.9563, 30.5109,
3.7833

86.5805, 94.8794,
108.3580

87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



61.1902, 54.0798, 38.2313



55.3530, 54.0798, 31.1879



48.8935, 54.0798, 30.5369

Triad

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



55.3530, 54.0798, 31.1879



40.2044, 54.0798, 66.4916



60.1234, 54.0798, 89.4555

Complementary

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



55.3530, 54.0798, 31.1879



41.8148, 45.0098, 82.8278

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.



53.9932, 54.0798, 100.8832



55.3530, 54.0798, 31.1879



42.7162, 54.0798, 85.8882

Square

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



55.3530, 54.0798, 31.1879



40.5020, 54.0798, 48.5199



47.6422, 54.0798, 99.4562



64.0989, 54.0798, 70.6273

Rectangle

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



55.3530, 54.0798, 31.1879



45.1320, 54.0798, 33.5976



47.6422, 54.0798, 99.4562



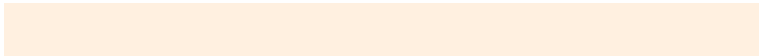
58.2257, 54.0798, 94.4508

Sweetspot

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



55.3544, 54.0824, 31.1890



85.9634, 89.0926, 83.4716



50.9289, 38.5293, 50.3758



18.2024, 18.8285, 17.3270



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.



55.3544, 54.0824, 31.1890



64.6770, 61.6817, 29.6336



66.6508, 76.6752, 34.9545



14.9888, 15.5915, 15.1239



22.3090, 17.1921, 2.1426



1.7415, 1.4563, 0.1893

Inverse Universe

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



41.8148, 45.0098, 82.8278



45.7953, 49.0333, 101.6584



33.8282, 29.0365, 80.1655



14.1559, 15.0331, 18.2999



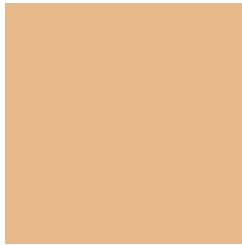
11.4477, 9.9576, 43.7018



0.9386, 0.9212, 3.2603

Previews

White Background



This preview shows how the XYZ color 55.3530, 54.0798, 31.1879 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 55.3530, 54.0798, 31.1879 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 55.3530, 54.0798, 31.1879

Background



This preview shows how black text looks on a background with the XYZ color 55.3530, 54.0798, 31.1879.



This preview shows how white text looks on a background with the XYZ color 55.3530, 54.0798,

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

55.3530, 54.0798, 31.1879

Protanopia

50.3940, 54.0620, 32.9783

Deuteranopia

55.3530, 54.0798, 31.1879



Tritanopia

60.5596, 54.0505, 57.1101

Trichromacy



Original Color

55.3530, 54.0798, 31.1879

Protanomaly

51.9797, 53.9068, 32.4764

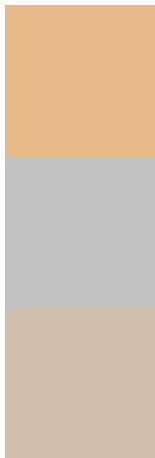
Deuteranomaly

55.3530, 54.0798, 31.1879

Tritanomaly

58.4353, 54.0966, 46.3915

Monochromacy



Original Color

55.3530, 54.0798, 31.1879

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.1861, 53.6886, 47.1476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3530, 54.0798, 31.1879 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(232, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 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(232, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 137) }
```

Border

The CSS property to change the border of an element to XYZ 55.3530, 54.0798, 31.1879 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(232, 186, 137) }
```


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

```
.border{ border-color:rgb(232, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3530, 54.0798, 31.1879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 186, 137) }
```

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

```
.background{ background-color: rgb(232,  
186, 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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