

Converting Colors

XYZ(55.4726, 54.1593, 30.1046)

Have a look what the booklet for
XYZ(55.4726, 54.1593, 30.1046)
contains.

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Color

**XYZ(55.4663, 54.1627,
30.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	E9BA86
RGB	233, 186, 134
RGB Percent	91%, 73%, 53%
CMY	0.0863, 0.2706, 0.4745
CMYK	0.00, 0.20, 0.42, 0.09
HSL	32°, 69%, 72%
HSV	32°, 42%, 91%
XYZ	55.4663, 54.1627, 30.0853
YIQ	194.1250, 44.7040, -6.2080

Conversions

Conversions Part 2

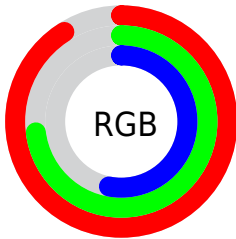
Format	Color
R _Y B	223, 233, 134
Decimal	15317638
CIE Lab	78.56, 10.26, 32.76
CIE LCh	79, 34.332, 72.613
Yxy	54.1627, 0.3970, 0.3877
Android (android.graphics.Color)	4293507718 (0xFFE9BA86)
YUV	194.1250, -29.6416, 34.0934
Hunter-Lab	73.5953, 5.7376, 27.2793

Details

The XYZ color **55.4663, 54.1627, 30.0853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.0628, 43.9977, 83.4190**, and the grayscale version is **51.5048, 54.1871, 59.0098**.

A 20% lighter version of the original color is **82.0692, 88.3951, 60.3134**, and **27.6670, 26.5291, 12.0499** is the 20% darker color. If you saturate the color by 10%, you get **51.7765, 49.1036, 21.7020**, and if you desaturate by 10%, it is **59.6972, 59.7310, 40.4164**.

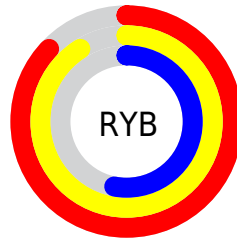
Distribution



Red (91%)

Green (73%)

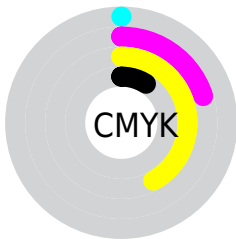
Blue (53%)



Red (87%)

Yellow (91%)

Blue (53%)

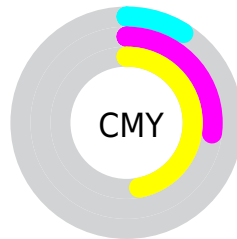


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (9%)



Cyan (9%)


Magenta (27%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4663, 54.1627, 30.0853 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 55.4663, 54.1627, 30.0853 by changing the saturation by 10% instead.


 55.4663, 54.1627,
30.0853

 55.4663, 54.1627,
30.0853


397.7848,
402.7301, 316.5215


 40.0105, 38.7318,
19.6507


 97.3682, 96.3131,
60.8596

 27.7310, 26.5511,
11.9599


 124.5449,
123.8013, 82.0365

 18.2624, 17.2364,
6.5941


 156.3594,
156.0774, 107.6312

 11.2394, 10.4032,
3.1350

193.1770,
193.5258, 138.0624

 6.2965, 5.6671,
1.1640

235.3629,
236.5309, 173.7484

 3.0686, 2.6437,
0.0000

283.2826,

 1.1901, 0.9487,

285.4771, 215.1079

0.0000

337.3015,
340.7487, 262.5594

■ 0.0986, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4663, 54.1627,
30.0853

■ 55.4663, 54.1627,
30.0853

■ 51.7765, 49.1036,
21.7020

■ 59.6972, 59.7310,
40.4164

■ 48.5960, 44.5282,
15.1366


■ 64.4908, 65.8171,
52.8071


■ 45.8952, 40.4201,
10.2486


■ 69.8720, 72.4393,
67.3645


■ 43.6390, 36.7583,
6.8748

■ 75.8630, 79.6124,
84.1875

 41.7860, 33.5189,
4.8186

 82.4850, 87.3504,
103.3684

 40.6125, 31.3402,
3.9087

 86.5805, 94.3961,
108.2647

 87.4143, 96.0636,
108.5427

Harmonies

Analogous

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



61.6601, 54.1627, 37.1745



55.4663, 54.1627, 30.0853



48.6912, 54.1627, 29.5753

Triad

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



55.4663, 54.1627, 30.0853



39.7996, 54.1627, 67.4894



60.7998, 54.1627, 90.8630

Complementary

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



55.4663, 54.1627, 30.0853



41.0628, 43.9977, 83.4190

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.



54.3733, 54.1627, 103.3167



55.4663, 54.1627, 30.0853



42.4871, 54.1627, 87.9665

Square

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



55.4663, 54.1627, 30.0853



40.0363, 54.1627, 48.5261



47.6895, 54.1627, 102.1536



64.9197, 54.1627, 70.8231

Rectangle

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



55.4663, 54.1627, 30.0853



44.7820, 54.1627, 32.8282



47.6895, 54.1627, 102.1536



58.8147, 54.1627, 96.2538

Sweetspot

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



55.4676, 54.1653, 30.0864



85.3485, 88.4135, 81.5690



50.5577, 37.7456, 48.7962



17.9430, 18.5278, 16.5680



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.



55.4676, 54.1653, 30.0864



64.0673, 60.9970, 27.7822



66.5102, 77.0463, 33.9209



15.7203, 16.3637, 15.8487



23.1696, 18.0334, 2.2596



1.9156, 1.6086, 0.2095

Inverse Universe

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



41.0628, 43.9977, 83.4190



44.2035, 46.9830, 101.3466



33.3302, 28.1390, 80.7655



14.8210, 15.7284, 19.1770



11.6689, 9.9848, 45.0552



1.0120, 0.9755, 3.5698

Previews

White Background



This preview shows how the XYZ color 55.4663, 54.1627, 30.0853 looks on a white background.

Color Contrast Check

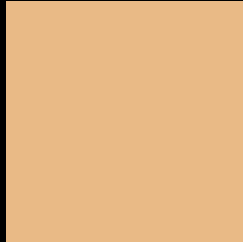
Large Text (above 18pt) WCAG AA × Fail

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 55.4663, 54.1627, 30.0853 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 55.4663, 54.1627, 30.0853

Background



This preview shows how black text looks on a background with the XYZ color 55.4663, 54.1627, 30.0853.



This preview shows how white text looks on a background with the XYZ color 55.4663, 54.1627,

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

55.4663, 54.1627, 30.0853

Protanopia

50.4576, 54.1202, 31.8316

Deuteranopia

55.1407, 53.9948, 30.0701



Tritanopia

61.0314, 53.9973, 57.0750

Trichromacy



Original Color

55.4663, 54.1627, 30.0853

Protanomaly

52.0596, 53.9732, 31.3409

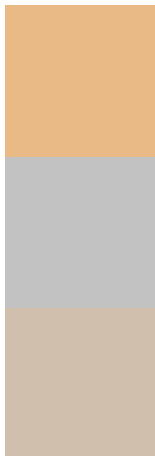
Deuteranomaly

55.1407, 53.9948, 30.0701

Tritanomaly

58.7996, 53.9925, 45.8506

Monochromacy



Original Color

55.4663, 54.1627, 30.0853

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.0896, 53.6501, 46.6398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4663, 54.1627, 30.0853 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(233, 186, 134)` looks like.

```
.text, #text, p{  
    color:rgb(233, 186, 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(233, 186, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 186, 134) }
```

Border

The CSS property to change the border of an element to XYZ 55.4663, 54.1627, 30.0853 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(233, 186, 134) }
```


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

```
.border{ border-color:rgb(233, 186, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 186, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 186, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 186, 134);  
box-shadow:4px 4px 4px 4px rgb(233, 186,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4663, 54.1627, 30.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 186, 134) }
```

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

```
.background{ background-color: rgb(233,  
186, 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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