

Converting Colors

XYZ(55.1693, 54.3071, 30.8671)

Have a look what the booklet for
XYZ(55.1693, 54.3071, 30.8671)
contains.

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Color

**XYZ(55.1693, 54.3071,
30.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	E7BB88
RGB	231, 187, 136
RGB Percent	91%, 73%, 53%
CMY	0.0941, 0.2666, 0.4667
CMYK	0.00, 0.19, 0.41, 0.09
HSL	32°, 66%, 72%
HSV	32°, 41%, 91%
XYZ	55.1693, 54.3071, 30.8671
YIQ	194.3420, 42.5950, -6.5330

Conversions

Conversions Part 2

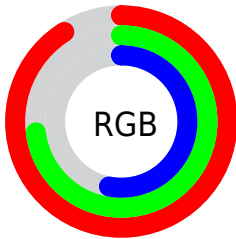
Format	Color
R_{YB}	218, 231, 136
Decimal	15186824
CIE _{Lab}	78.64, 9.15, 31.79
CIE _{LCh}	79, 33.080, 73.942
Yxy	54.3071, 0.3931, 0.3870
Android (android.graphics.Color)	4293376904 (0xFFE7BB88)
YUV	194.3420, -28.7626, 32.1491
Hunter-Lab	73.6934, 4.6677, 26.7512

Details

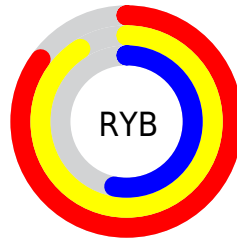
The XYZ color **55.1693, 54.3071, 30.8671** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.8979, 43.6449, 81.8702**, and the grayscale version is **51.6294, 54.3182, 59.1525**.

A 20% lighter version of the original color is **82.5849, 89.0789, 61.5565**, and **27.6203, 26.7047, 12.2931** is the 20% darker color. If you saturate the color by 10%, you get **51.5160, 49.3506, 22.4042**, and if you desaturate by 10%, it is **59.3483, 59.7485, 41.2518**.

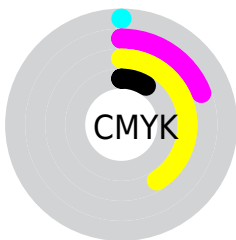
Distribution



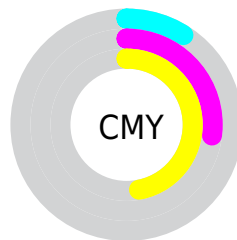
- Red (91%)
- Green (73%)
- Blue (53%)



- Red (85%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (9%)



- Cyan (9%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1693, 54.3071, 30.8671 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 55.1693, 54.3071, 30.8671 by changing the saturation by 10% instead.

55.1693, 54.3071,
30.8671

55.1693, 54.3071,
30.8671

396.6793,
403.2800, 320.2578

39.7717, 38.8472,
20.2401

96.9358, 96.5250,
62.1079

27.5440, 26.6409,
12.3839

124.0355,
124.0518, 83.5587

18.1209, 17.3037,
6.8800

155.7664,
156.3698, 109.4546

11.1370, 10.4513,
3.3098

192.4941,
193.8632, 140.2140

6.2270, 5.6992,
1.2549

234.5839,
236.9166, 176.2554

3.0256, 2.6630,
0.0244

282.4012,

1.1673, 0.9585,

285.9142, 217.9975

0.0000

336.3112,
341.2406, 265.8588

■ 0.0803, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1693, 54.3071,
30.8671

■ 55.1693, 54.3071,
30.8671

■ 51.5160, 49.3506,
22.4042

■ 59.3483, 59.7485,
41.2518

■ 48.3576, 44.8547,
15.7378

■ 64.0733, 65.6824,
53.6663

■ 45.6660, 40.8042,
10.7325

■ 69.3684, 72.1261,
68.2144

■ 43.4080, 37.1794,
7.2323

■ 75.2548, 79.0934,
84.9918

■ 41.5443, 33.9582,
5.0504

■ 81.7528, 86.5975,
104.0882

■ 40.1655, 31.4099,
3.9458

■ 85.5624, 93.3236,
108.1114

■ 86.7651, 95.7290,
108.5123

Harmonies

Analogous

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



61.1973, 54.3071, 37.5216



55.1693, 54.3071, 30.8671



48.6505, 54.3071, 30.6447

Triad

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



55.1693, 54.3071, 30.8671



40.3639, 54.3071, 68.2261



60.8306, 54.3071, 88.9902

Complementary

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



55.1693, 54.3071, 30.8671



40.8979, 43.6449, 81.8702

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.



54.7022, 54.3071, 101.3528



55.1693, 54.3071, 30.8671



43.0931, 54.3071, 87.7623

Square

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



55.1693, 54.3071, 30.8671



40.4659, 54.3071, 49.7307



48.2211, 54.3071, 100.8612



64.6494, 54.3071, 69.6474

Rectangle

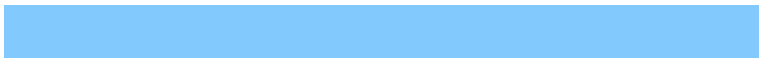
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.1693, 54.3071, 30.8671



44.9186, 54.3071, 34.0326



48.2211, 54.3071, 100.8612



58.9508, 54.3071, 94.2656

Sweetspot

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



55.1707, 54.3097, 30.8682



86.1536, 89.4729, 83.5350



50.0318, 37.9067, 48.0386



18.2472, 18.9180, 17.3419



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.



55.1707, 54.3097, 30.8682



65.2695, 62.8668, 29.8311



64.9622, 75.3963, 34.4223



15.0147, 15.6432, 15.1325



22.6429, 17.8600, 2.2539



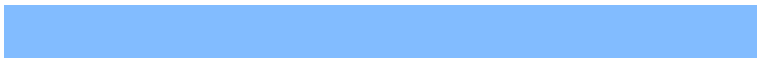
1.7660, 1.5053, 0.1975

Inverse Universe

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



40.8979, 43.6449, 81.8702



45.2287, 47.9000, 101.4696



33.9038, 28.8818, 79.3893



14.1302, 14.9817, 18.2914



11.1538, 9.3698, 43.6038



0.9164, 0.8767, 3.2529

Previews

White Background



This preview shows how the XYZ color 55.1693, 54.3071, 30.8671 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 55.1693, 54.3071, 30.8671 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 55.1693, 54.3071, 30.8671

Background



This preview shows how black text looks on a background with the XYZ color 55.1693, 54.3071, 30.8671.



This preview shows how white text looks on a background with the XYZ color 55.1693, 54.3071,

30.8671.

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

55.1693, 54.3071, 30.8671

Protanopia

50.7536, 54.5959, 32.2892

Deuteranopia

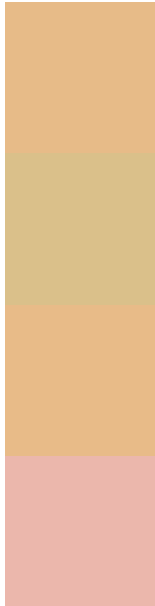
55.4930, 54.4740, 30.8823



Tritanopia

60.8719, 54.4973, 57.7628

Trichromacy



Original Color

55.1693, 54.3071, 30.8671

Protanomaly

52.3505, 54.4397, 31.7935

Deuteranomaly

55.4930, 54.4740, 30.8823

Tritanomaly

58.6408, 54.5077, 46.4601

Monochromacy



Original Color

55.1693, 54.3071, 30.8671

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.9058, 53.5441, 47.1345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1693, 54.3071, 30.8671 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(231, 187, 136)` looks like.

```
.text, #text, p{  
    color:rgb(231, 187, 136)  
}
```

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(231, 187, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 187, 136) }
```

Border

The CSS property to change the border of an element to XYZ 55.1693, 54.3071, 30.8671 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(231, 187, 136) }
```


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

```
.border{ border-color:rgb(231, 187, 136) }
```

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

Here you see how a box with a 4 pixel rgb(231, 187, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 187, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 187, 136);  
box-shadow:4px 4px 4px 4px rgb(231, 187,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1693, 54.3071, 30.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 187, 136) }
```

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

```
.background{ background-color: rgb(231,  
187, 136) }
```

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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