

Converting Colors

XYZ(55.5847, 55.6581, 31.7480)

Have a look what the booklet for
XYZ(55.5847, 55.6581, 31.7480)
contains.

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Color

**XYZ(55.5313, 55.7546,
31.8797)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E5BF8A |
| RGB | 229, 191, 138 |
| RGB Percent | 90%, 75%, 54% |
| CMY | 0.1020, 0.2510, 0.4588 |
| CMYK | 0.00, 0.17, 0.40, 0.10 |
| HSL | 35°, 64%, 72% |
| HSV | 35°, 40%, 90% |
| XYZ | 55.5313, 55.7546, 31.8797 |
| YIQ | 196.3200, 39.6610, -8.4270 |

Conversions

Conversions Part 2

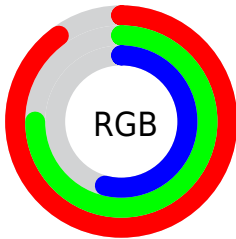
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 203, 229, 138 |
| Decimal | 15056778 |
| CIE _{Lab} | 79.47, 6.47, 31.81 |
| CIE _{LCh} | 79, 32.456, 78.505 |
| Yxy | 55.7546, 0.3879, 0.3894 |
| Android (android.graphics.Color) | 4293246858 (0xFFE5BF8A) |
| YUV | 196.3200, -28.7518, 28.6604 |
| Hunter-Lab | 74.6690, 2.0796, 26.9546 |

Details

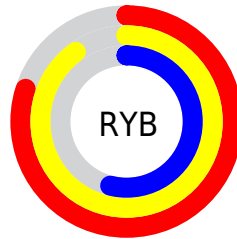
The XYZ color **55.5313, 55.7546, 31.8797** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.1489, 42.1095, 80.1404**, and the grayscale version is **52.8133, 55.5637, 60.5089**.

A 20% lighter version of the original color is **84.0152, 91.5873, 63.1192**, and **27.8220, 27.6357, 12.8847** is the 20% darker color. If you saturate the color by 10%, you get **52.0278, 51.1270, 23.3768**, and if you desaturate by 10%, it is **59.5233, 60.7995, 42.2712**.

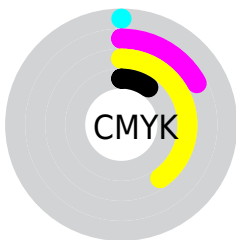
Distribution



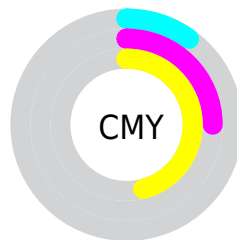
- Red (90%)
- Green (75%)
- Blue (54%)



- Red (80%)
- Yellow (90%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5313, 55.7546, 31.8797 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 55.5313, 55.7546, 31.8797 by changing the saturation by 10% instead.

■ 55.5313, 55.7546,
31.8797

■ 55.5313, 55.7546,
31.8797

398.0265,
408.7660, 325.0467

■ 40.0628, 40.0062,
21.0056

■ 97.4627, 98.6457,
63.7182

■ 27.7719, 27.5434,
12.9368

■ 124.6564,
126.5572, 85.5196

■ 18.2934, 17.9817,
7.2548

■ 156.4891,
159.2918, 111.8005

■ 11.2618, 10.9369,
3.5411

193.3263,
197.2340, 142.9795

■ 6.3118, 6.0244,
1.3771

235.5333,
240.7681, 179.4751

■ 3.0780, 2.8599,
0.1238

283.4754,

■ 1.1952, 1.0590,

290.2785, 221.7058

0.0000

337.5180,
346.1497, 270.0901

■ 0.1025, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5313, 55.7546,
31.8797

■ 55.5313, 55.7546,
31.8797

■ 52.0278, 51.1270,
23.3768

■ 59.5233, 60.7995,
42.2712

■ 48.9840, 46.8949,
16.6415


■ 64.0223, 66.2670,
54.6551


■ 46.3737, 43.0457,
11.5440


■ 69.0509, 72.1721,
69.1318


■ 44.1662, 39.5627,
7.9351


■ 74.6289, 78.5265,
85.7939


 42.3252, 36.4268,
5.6375

 80.7749, 85.3413,
104.7282

 40.7915, 33.6097,
4.3547

 84.0454, 91.2428,
107.7897

 40.7536, 33.5392,
4.3258

 86.1230, 95.3980,
108.4822

Harmonies

Analogous

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



61.7421, 55.7546, 37.5877



55.5313, 55.7546, 31.8797



49.1124, 55.7546, 32.6250

Triad

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



55.5313, 55.7546, 31.8797



41.9701, 55.7546, 72.8322



62.9501, 55.7546, 87.7425

Complementary

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



55.5313, 55.7546, 31.8797



40.1489, 42.1095, 80.1404

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.



57.0730, 55.7546, 101.5235



55.5313, 55.7546, 31.8797



45.1122, 55.7546, 91.7711

Square

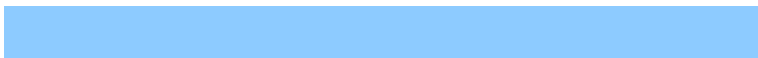
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5313, 55.7546, 31.8797



41.6313, 55.7546, 53.8286



50.5334, 55.7546, 103.1328



66.2540, 55.7546, 68.1484

Rectangle

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



55.5313, 55.7546, 31.8797



45.5640, 55.7546, 36.7193



50.5334, 55.7546, 103.1328



61.1888, 55.7546, 93.3670

Sweetspot

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



55.5327, 55.7572, 31.8808



86.5677, 90.3011, 83.6730



49.3809, 38.0272, 46.5596



18.3447, 19.1130, 17.3744



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.



55.5327, 55.7572, 31.8808



67.0140, 66.0783, 31.2681



63.0177, 73.5509, 34.9209



15.0709, 15.7557, 15.1513



23.4225, 19.4192, 2.5138



1.8221, 1.6176, 0.2162

Inverse Universe

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



40.1489, 42.1095, 80.1404



44.7391, 46.3325, 101.1928



34.7451, 29.7701, 78.0435



14.0748, 14.8710, 18.2729



10.5704, 8.2028, 43.4094



0.8711, 0.7862, 3.2378

Previews

White Background



This preview shows how the XYZ color 55.5313, 55.7546, 31.8797 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 55.5313, 55.7546, 31.8797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

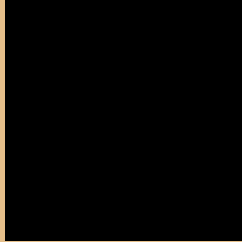
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5313, 55.7546, 31.8797

Background



This preview shows how black text looks on a background with the XYZ color 55.5313, 55.7546, 31.8797.



This preview shows how white text looks on a background with the XYZ color 55.5313, 55.7546,

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

55.5313, 55.7546, 31.8797

Protanopia

51.9253, 55.8526, 33.2432

Deuteranopia

57.0460, 55.8923, 31.8264



Tritanopia

61.2725, 55.5604, 60.3181

Trichromacy



Original Color

55.5313, 55.7546, 31.8797

Protanomaly

53.1622, 55.8291, 32.7851

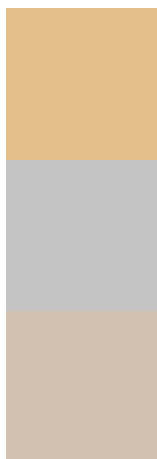
Deuteranomaly

56.6052, 55.9855, 31.8676

Tritanomaly

58.9997, 55.5760, 48.6919

Monochromacy



Original Color

55.5313, 55.7546, 31.8797

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0421, 55.0886, 48.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5313, 55.7546, 31.8797 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, 191, 138)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 138)  
}
```

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, 191, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 138) }
```

Border

The CSS property to change the border of an element to XYZ 55.5313, 55.7546, 31.8797 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, 191, 138) }
```


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

```
.border{ border-color:rgb(229, 191, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 138);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5313, 55.7546, 31.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 138) }
```

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

```
.background{ background-color: rgb(229,  
191, 138) }
```

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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