

Converting Colors

XYZ(55.8994, 51.5404, 37.9058)

Have a look what the booklet for
XYZ(55.8994, 51.5404, 37.9058)
contains.

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Color

**XYZ(55.8995, 51.4730,
37.9994)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EBB19B |
| RGB | 235, 177, 155 |
| RGB Percent | 92%, 69%, 61% |
| CMY | 0.0784, 0.3059, 0.3922 |
| CMYK | 0.00, 0.25, 0.34, 0.08 |
| HSL | 17°, 67%, 76% |
| HSV | 17°, 34%, 92% |
| XYZ | 55.8995, 51.4730, 37.9994 |
| YIQ | 191.8340, 41.6300, 5.4540 |

Conversions

Conversions Part 2

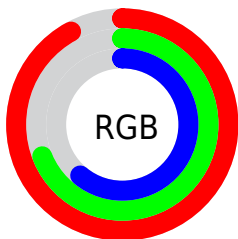
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 185, 155 |
| Decimal | 15446427 |
| CIE Lab | 76.96, 18.21, 19.47 |
| CIE LCh | 77, 26.658, 46.926 |
| Yxy | 51.4730, 0.3845, 0.3541 |
| Android (android.graphics.Color) | 4293636507 (0xFFEBB19B) |
| YUV | 191.8340, -18.1592, 37.8566 |
| Hunter-Lab | 71.7447, 13.5241, 18.8185 |

Details

The XYZ color **55.8995, 51.4730, 37.9994** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.3064, 60.5532, 87.5285**, and the grayscale version is **50.0928, 52.7015, 57.3919**.

A 20% lighter version of the original color is **82.0118, 84.1910, 72.9008**, and **28.0664, 24.8798, 16.4197** is the 20% darker color. If you saturate the color by 10%, you get **50.9574, 44.4457, 27.5445**, and if you desaturate by 10%, it is **61.6485, 59.4990, 50.6192**.

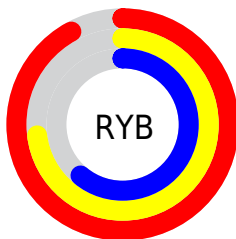
Distribution



Red (92%)

Green (69%)

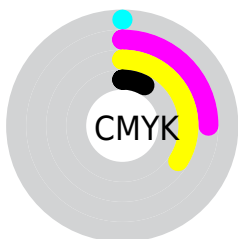
Blue (61%)



Red (92%)

Yellow (73%)

Blue (61%)

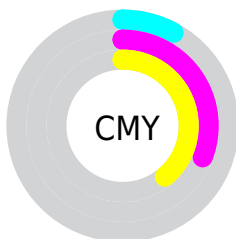


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8995, 51.4730, 37.9994 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 55.8995, 51.4730, 37.9994 by changing the saturation by 10% instead.


 55.8995, 51.4730,
37.9994


 55.8995, 51.4730,
37.9994


399.3938,
392.3987, 352.9155

 40.3590, 36.5852,
25.6804


 97.9983, 92.3536,
73.3106

 28.0040, 24.8865,
16.3611


 125.2873,
119.1151, 97.1399

 18.4692, 15.9925,
9.6229


157.2232,
150.6033, 125.6431

 11.3891, 9.5188,
5.0473

194.1714,
187.2026, 159.2386

 6.3984, 5.0811,
2.2158

236.4972,
229.2974, 198.3451

 3.1318, 2.2949,
0.6835

284.5660,

 1.2238, 0.7710,

277.2721, 243.3811

0.0000

338.7431,
331.5111, 294.7650

■ 0.1250, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8995, 51.4730,
37.9994

■ 55.8995, 51.4730,
37.9994

■ 50.9574, 44.4457,
27.5445

■ 61.6485, 59.4990,
50.6192

■ 46.7804, 38.3700,
19.1283

■ 68.2355, 68.5539,
65.5138

■ 43.3287, 33.2057,
12.6165

■ 75.6950, 78.6755,
82.7897

■ 40.5572, 28.9069,
7.8571

■ 84.0580, 89.8976,
102.5454

■ 38.4149, 25.4230,
4.6743

■ 88.0710, 96.4022,
108.5734

■ 36.8421, 22.6975,
2.8548

■ 36.1307, 21.4015,
2.2266

Harmonies

Analogous

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



58.8720, 51.4730, 48.2917



55.8995, 51.4730, 37.9994



51.1657, 51.4730, 32.9807

Triad

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



55.8995, 51.4730, 37.9994



40.0154, 51.4730, 49.9548



51.8218, 51.4730, 87.2806

Complementary

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



55.8995, 51.4730, 37.9994



52.3064, 60.5532, 87.5285

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.



46.7479, 51.4730, 87.9360



55.8995, 51.4730, 37.9994



40.1642, 51.4730, 64.5875

Square

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



55.8995, 51.4730, 37.9994



42.1320, 51.4730, 39.0347



42.5535, 51.4730, 79.0548



56.4084, 51.4730, 77.3945

Rectangle

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



55.8995, 51.4730, 37.9994



47.7555, 51.4730, 32.6163



42.5535, 51.4730, 79.0548



50.1105, 51.4730, 88.6410

Sweetspot

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



55.9008, 51.4754, 38.0004



85.5965, 87.2325, 86.8214



58.0777, 45.9434, 69.2026



18.0554, 18.3100, 17.9702



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.



55.9008, 51.4754, 38.0004



62.9431, 55.8000, 36.4975



64.8190, 69.3118, 40.9732



15.4027, 15.7283, 15.7428



20.1998, 12.0939, 1.2697



1.6643, 1.1059, 0.1257

Inverse Universe

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



52.3064, 60.5532, 87.5285



57.9730, 68.2714, 104.7299



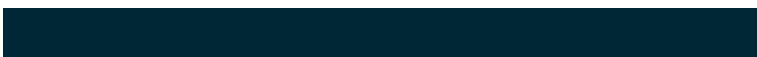
43.5852, 43.1108, 84.6214



15.1471, 16.3805, 19.2857



16.4956, 19.6382, 46.6641



1.3750, 1.7014, 3.6908

Previews

White Background



This preview shows how the XYZ color 55.8995, 51.4730, 37.9994 looks on a white background.

Color Contrast Check

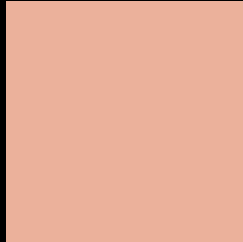
Large Text (above 18pt) WCAG AA × Fail

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 55.8995, 51.4730, 37.9994 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 55.8995, 51.4730, 37.9994

Background



This preview shows how black text looks on a background with the XYZ color 55.8995, 51.4730, 37.9994.



This preview shows how white text looks on a background with the XYZ color 55.8995, 51.4730,

37.9994.

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

55.8995, 51.4730, 37.9994

Protanopia

48.6659, 51.6795, 41.1284

Deuteranopia

52.5850, 51.5722, 37.7548



Tritanopia

59.0664, 51.6095, 53.3029

Trichromacy



Original Color

55.8995, 51.4730, 37.9994

Protanomaly

51.0475, 51.3473, 40.0214

Deuteranomaly

53.7206, 51.5496, 37.6905

Tritanomaly

57.7990, 51.3718, 47.4268

Monochromacy



Original Color

55.8995, 51.4730, 37.9994

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.9194, 52.2052, 49.9880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8995, 51.4730, 37.9994 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(235, 177, 155)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 155)  
}
```

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(235, 177, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 155) }
```

Border

The CSS property to change the border of an element to XYZ 55.8995, 51.4730, 37.9994 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(235, 177, 155) }
```


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

```
.border{ border-color:rgb(235, 177, 155) }
```

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

Here you see how a box with a 4 pixel rgb(235, 177, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 155);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8995, 51.4730, 37.9994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 155) }
```

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

```
.background{ background-color: rgb(235,  
177, 155) }
```

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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