

Converting Colors

XYZ(53.4831, 47.1690, 35.5638)

Have a look what the booklet for
XYZ(53.4831, 47.1690, 35.5638)
contains.

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Color

**XYZ(53.4831, 47.1690,
35.5638)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EBA697 |
| RGB | 235, 166, 151 |
| RGB Percent | 92%, 65%, 59% |
| CMY | 0.0784, 0.3490, 0.4078 |
| CMYK | 0.00, 0.29, 0.36, 0.08 |
| HSL | 11°, 68%, 76% |
| HSV | 11°, 36%, 92% |
| XYZ | 53.4831, 47.1690, 35.5638 |
| YIQ | 184.9210, 45.9390, 9.9630 |

Conversions

Conversions Part 2

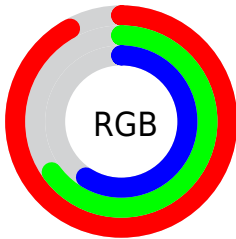
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 169, 151 |
| Decimal | 15443607 |
| CIE Lab | 74.30, 23.58, 17.95 |
| CIE LCh | 74, 29.632, 37.285 |
| Yxy | 47.1690, 0.3926, 0.3463 |
| Android (android.graphics.Color) | 4293633687 (0xFFEBA697) |
| YUV | 184.9210, -16.7231, 43.9193 |
| Hunter-Lab | 68.6797, 18.8143, 17.3742 |

Details

The XYZ color **53.4831, 47.1690, 35.5638** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.3501, 63.7615, 88.0927**, and the grayscale version is **46.1434, 48.5465, 52.8671**.

A 20% lighter version of the original color is **78.1159, 77.3807, 68.5764**, and **26.4490, 22.3018, 14.9673** is the 20% darker color. If you saturate the color by 10%, you get **48.5122, 39.9831, 25.4110**, and if you desaturate by 10%, it is **59.3635, 55.5648, 47.8974**.

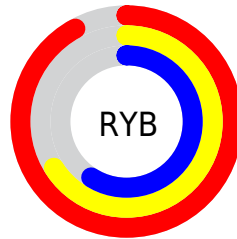
Distribution



Red (92%)

Green (65%)

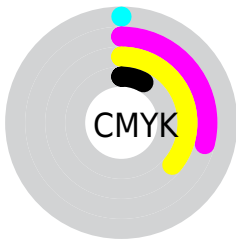
Blue (59%)



Red (92%)

Yellow (66%)

Blue (59%)

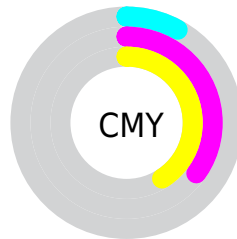


Cyan (0%)

Magenta (29%)

Yellow (36%)

Black (8%)



Cyan (8%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4831, 47.1690, 35.5638 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 53.4831, 47.1690, 35.5638 by changing the saturation by 10% instead.


 53.4831, 47.1690,
35.5638


 53.4831, 47.1690,
35.5638


390.3664,
375.4887, 342.0295

 38.4176, 33.1693,
23.8105


 94.4762, 85.9658,
69.5197

 26.4856, 22.2562,
14.9822


 121.1345,
111.5317, 92.5594

 17.3219, 14.0452,
8.6604


152.3878,
141.7218, 120.1983

 10.5610, 8.1521,
4.4266

188.6015,
176.9205, 152.8549

 5.8376, 4.1925,
1.8622

230.1408,
217.5121, 190.9478

 2.7863, 1.7818,
0.4685

277.3711,

 1.0418, 0.4758,

263.8811, 234.8955

0.0000

330.6579,
316.4118, 285.1166

■ 0.0000, 0.0000,
0.0000

■ 53.4831, 47.1690,
35.5638

■ 53.4831, 47.1690,
35.5638

■ 48.5122, 39.9831,
25.4110

■ 59.3635, 55.5648,
47.8974

■ 44.4011, 33.9444,
17.3088

■ 66.1924, 65.2160,
62.5261

■ 41.1006, 28.9950,
11.1172

■ 74.0112, 76.1737,
79.5595

■ 38.5551, 25.0687,
6.6777

■ 82.8575, 88.4846,
99.0994

■ 36.7013, 22.0923,
3.8058

■ 88.0710, 96.4022,
108.5734

■ 35.4646, 19.9819,
2.2749

■ 35.0882, 19.3166,
1.8791

Harmonies

Analogous

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



55.7760, 47.1690, 47.7294



53.4831, 47.1690, 35.5638



48.9041, 47.1690, 28.7795

Triad

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



53.4831, 47.1690, 35.5638



36.0351, 47.1690, 40.8470



46.1437, 47.1690, 86.2850

Complementary

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



53.4831, 47.1690, 35.5638



53.3501, 63.7615, 88.0927

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.



40.9938, 47.1690, 83.4370



53.4831, 47.1690, 35.5638



35.4235, 47.1690, 55.1681

Square

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



53.4831, 47.1690, 35.5638



38.9115, 47.1690, 31.3817



37.1693, 47.1690, 71.2507



51.3261, 47.1690, 78.4028

Rectangle

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



53.4831, 47.1690, 35.5638



45.3195, 47.1690, 27.2826



37.1693, 47.1690, 71.2507



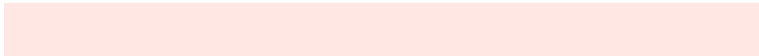
44.3494, 47.1690, 86.5734

Sweetspot

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



53.4843, 47.1713, 35.5647



83.9438, 84.4944, 84.5216



58.3790, 45.0163, 74.0189



17.6966, 17.7054, 17.5021



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.



53.4843, 47.1713, 35.5647



59.8216, 50.2027, 33.4669



62.1599, 64.5225, 38.4566



15.2830, 15.4891, 15.7029



19.5935, 10.8813, 1.0676



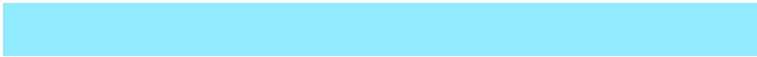
1.6011, 0.9795, 0.1047

Inverse Universe

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



53.3501, 63.7615, 88.0927



59.6155, 72.9250, 105.5416



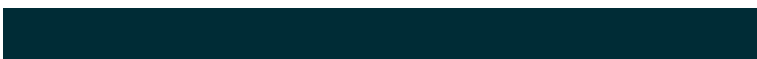
43.8784, 44.8181, 84.9354



15.2755, 16.6375, 19.3285



19.0470, 24.7411, 47.5146



1.5554, 2.0623, 3.7510

Previews

White Background



This preview shows how the XYZ color 53.4831, 47.1690, 35.5638 looks on a white background.

Color Contrast Check

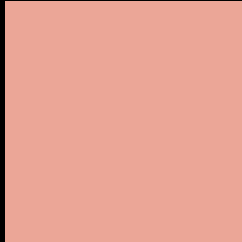
Large Text (above 18pt) WCAG AA × Fail

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 53.4831, 47.1690, 35.5638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

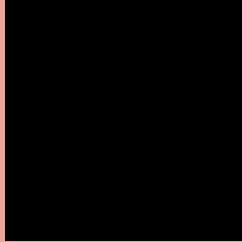
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4831, 47.1690, 35.5638

Background



This preview shows how black text looks on a background with the XYZ color 53.4831, 47.1690, 35.5638.



This preview shows how white text looks on a background with the XYZ color 53.4831, 47.1690,

35.5638.

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

53.4831, 47.1690, 35.5638

Protanopia

44.9297, 47.5766, 39.6160

Deuteranopia

48.1015, 47.2176, 35.0125



Tritanopia

55.5832, 46.9403, 46.6883

Trichromacy



Original Color

53.4831, 47.1690, 35.5638

Protanomaly

47.7353, 47.2545, 38.0576

Deuteranomaly

49.7727, 46.9227, 35.2878

Tritanomaly

54.5722, 46.7804, 42.2297

Monochromacy



Original Color

53.4831, 47.1690, 35.5638

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.0918, 47.5544, 46.1794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4831, 47.1690, 35.5638 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, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(235, 166, 151)  
}
```

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, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 166, 151) }
```

Border

The CSS property to change the border of an element to XYZ 53.4831, 47.1690, 35.5638 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, 166, 151) }
```


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

```
.border{ border-color:rgb(235, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(235, 166,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4831, 47.1690, 35.5638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 166, 151) }
```

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

```
.background{ background-color: rgb(235,  
166, 151) }
```

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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