

Converting Colors

XYZ(51.0128, 46.6892, 34.2018)

Have a look what the booklet for
XYZ(51.0128, 46.6892, 34.2018)
contains.

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Color

**XYZ(51.2118, 46.8449,
34.3598)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A994
RGB	227, 169, 148
RGB Percent	89%, 66%, 58%
CMY	0.1098, 0.3372, 0.4196
CMYK	0.00, 0.26, 0.35, 0.11
HSL	16°, 59%, 74%
HSV	16°, 35%, 89%
XYZ	51.2118, 46.8449, 34.3598
YIQ	183.9480, 41.3090, 5.7650

Conversions

Conversions Part 2

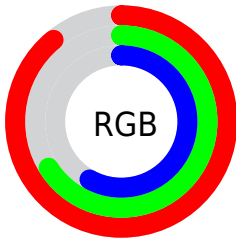
Format	Color
R _Y B	227, 177, 148
Decimal	14920084
CIE Lab	74.09, 18.54, 19.17
CIE LCh	74, 26.666, 45.948
Yxy	46.8449, 0.3867, 0.3538
Android (android.graphics.Color)	4293110164 (0xFFE3A994)
YUV	183.9480, -17.7224, 37.7566
Hunter-Lab	68.4433, 13.7844, 18.1457

Details

The XYZ color **51.2118, 46.8449, 34.3598** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1484, 55.9827, 80.9412**, and the grayscale version is **45.6110, 47.9864, 52.2572**.

A 20% lighter version of the original color is **78.5563, 78.8356, 66.9535**, and **25.0965, 22.1317, 14.2584** is the 20% darker color. If you saturate the color by 10%, you get **46.6832, 40.3867, 24.8381**, and if you desaturate by 10%, it is **56.4903, 54.2388, 45.8708**.

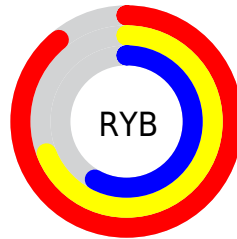
Distribution



Red (89%)

Green (66%)

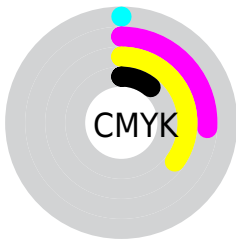
Blue (58%)



Red (89%)

Yellow (69%)

Blue (58%)

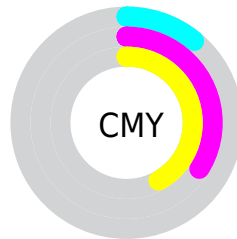


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (11%)



Cyan (11%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2118, 46.8449, 34.3598 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 51.2118, 46.8449, 34.3598 by changing the saturation by 10% instead.


 51.2118, 46.8449,
34.3598


 51.2118, 46.8449,
34.3598

381.7602,
374.1951, 336.5514

 36.5989, 32.9131,
22.8905


 91.1489, 85.4821,
67.6331

 25.0694, 22.0599,
14.3082


 117.2038,
110.9562, 90.2742

 16.2577, 13.9009,
8.1941


147.8035,
141.0465, 117.4763

 9.7987, 8.0518,
4.1299

183.3133,
176.1374, 149.6580

 5.3270, 4.1281,
1.6969

224.0984,
216.6134, 187.2379

 2.4771, 1.7455,
0.3586

270.5244,

 0.8837, 0.4528,

262.8587, 230.6343

0.0000

322.9566,
315.2578, 280.2660

0.0000, 0.0000,
0.0000

51.2118, 46.8449,
34.3598

51.2118, 46.8449,
34.3598

46.6832, 40.3867,
24.8381

56.4903, 54.2388,
45.8708

42.8655, 34.8196,
17.1889

62.5482, 62.5974,
59.4730

39.7212, 30.1052,
11.2877

69.4177, 71.9566,
75.2648

37.2078, 26.1996,
6.9932

77.1280, 82.3486,
93.3374

35.2771, 23.0544,
4.1422

84.6421, 93.3780,
108.1704

■ 33.8730, 20.6155,
2.5354

■ 85.4886, 95.0709,
108.4525

■ 33.3131, 19.6000,
2.0274

Harmonies

Analogous

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



53.9393, 46.8449, 44.1234



51.2118, 46.8449, 34.3598



46.7891, 46.8449, 29.5312

Triad

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



51.2118, 46.8449, 34.3598



36.2062, 46.8449, 44.8900



47.0928, 46.8449, 80.6632

Complementary

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



51.2118, 46.8449, 34.3598



48.1484, 55.9827, 80.9412

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.



42.3345, 46.8449, 80.9689



51.2118, 46.8449, 34.3598



36.2747, 46.8449, 58.5698

Square

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



51.2118, 46.8449, 34.3598



38.2523, 46.8449, 34.8342



38.4466, 46.8449, 72.3114



51.4477, 46.8449, 71.5386

Rectangle

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



51.2118, 46.8449, 34.3598



43.5809, 46.8449, 29.0856



38.4466, 46.8449, 72.3114



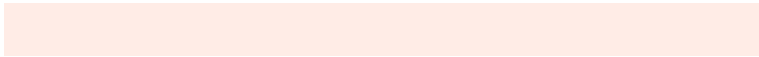
45.4819, 46.8449, 81.8494

Sweetspot

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



51.2130, 46.8471, 34.3607



85.5289, 87.0974, 86.7989



53.5618, 42.0284, 64.4814



18.0392, 18.2775, 17.9648



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.



51.2130, 46.8471, 34.3607



62.1765, 54.5932, 35.2360



59.3975, 63.2162, 37.0889



14.6871, 14.9881, 15.0234



19.5100, 11.5942, 1.2096



1.5164, 1.0062, 0.1143

Inverse Universe

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



48.1484, 55.9827, 80.9412



57.5838, 68.1848, 104.7337



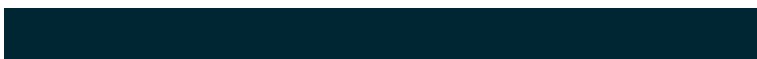
40.0349, 39.7555, 78.2366



14.4663, 15.6539, 18.4034



16.2079, 19.4779, 45.2885



1.2729, 1.5897, 3.3717

Previews

White Background



This preview shows how the XYZ color 51.2118, 46.8449, 34.3598 looks on a white background.

Color Contrast Check

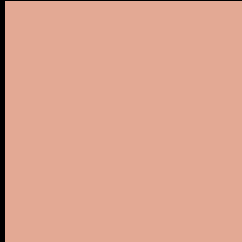
Large Text (above 18pt) WCAG AA × Fail

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 51.2118, 46.8449, 34.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

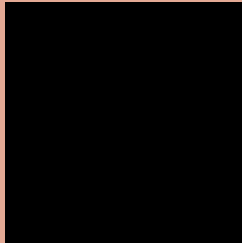
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2118, 46.8449, 34.3598

Background



This preview shows how black text looks on a background with the XYZ color 51.2118, 46.8449, 34.3598.



This preview shows how white text looks on a background with the XYZ color 51.2118, 46.8449,

34.3598.

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

51.2118, 46.8449, 34.3598

Protanopia

44.2989, 46.9955, 37.3081

Deuteranopia

47.7478, 46.7636, 34.1135



Tritanopia

54.0241, 46.9076, 47.8017

Trichromacy



Original Color

51.2118, 46.8449, 34.3598

Protanomaly

46.5665, 46.6904, 36.2636

Deuteranomaly

48.8253, 46.7454, 34.0532

Tritanomaly

52.8323, 46.6836, 42.3027

Monochromacy



Original Color

51.2118, 46.8449, 34.3598

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.2902, 47.4598, 45.1963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2118, 46.8449, 34.3598 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(227, 169, 148)` looks like.

```
.text, #text, p{  
    color:rgb(227, 169, 148)  
}
```

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(227, 169, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 169, 148) }
```

Border

The CSS property to change the border of an element to XYZ 51.2118, 46.8449, 34.3598 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(227, 169, 148) }
```


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

```
.border{ border-color:rgb(227, 169, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 169, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 169, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 169, 148);  
box-shadow:4px 4px 4px 4px rgb(227, 169,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2118, 46.8449, 34.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 169, 148) }
```

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

```
.background{ background-color: rgb(227,  
169, 148) }
```

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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