

Converting Colors

XYZ(46.8976, 39.5547, 33.2282)

Have a look what the booklet for
XYZ(46.8976, 39.5547, 33.2282)
contains.

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Color

**XYZ(46.8332, 39.4803,
33.1691)**

Conversions

Conversions Part 1

Format	Color
Hex	E09594
RGB	224, 149, 148
RGB Percent	88%, 58%, 58%
CMY	0.1216, 0.4157, 0.4196
CMYK	0.00, 0.33, 0.34, 0.12
HSL	1°, 55%, 73%
HSV	1°, 34%, 88%
XYZ	46.8332, 39.4803, 33.1691
YIQ	171.3110, 45.0210, 15.5890

Conversions

Conversions Part 2

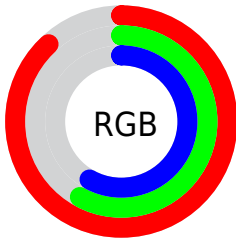
Format	Color
R_{YB}	224, 149, 148
Decimal	14718356
CIE _{Lab}	69.10, 28.12, 12.15
CIE _{LCh}	69, 30.631, 23.366
Yxy	39.4803, 0.3920, 0.3304
Android (android.graphics.Color)	4292908436 (0xFFE09594)
YUV	171.3110, -11.4923, 46.2083
Hunter-Lab	62.8334, 23.0876, 12.6847

Details

The XYZ color **46.8332, 39.4803, 33.1691** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0540, 64.4507, 80.2177**, and the grayscale version is **38.9061, 40.9322, 44.5752**.

A 20% lighter version of the original color is **73.4935, 68.7100, 65.2659**, and **22.3687, 17.6279, 13.5328** is the 20% darker color. If you saturate the color by 10%, you get **42.0574, 32.4968, 23.6599**, and if you desaturate by 10%, it is **52.6179, 47.9321, 44.7081**.

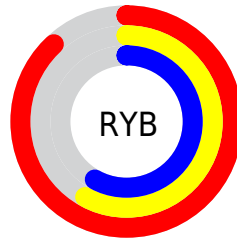
Distribution



Red (88%)

Green (58%)

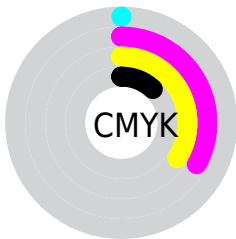
Blue (58%)



Red (88%)

Yellow (58%)

Blue (58%)

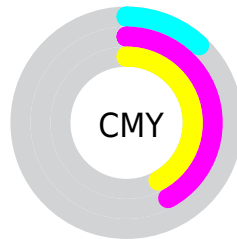


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8332, 39.4803, 33.1691 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 46.8332, 39.4803, 33.1691 by changing the saturation by 10% instead.


 46.8332, 39.4803,
33.1691


 46.8332, 39.4803,
33.1691


364.8084,
343.9282, 331.0664

 33.1112, 27.1336,
21.9838


 84.6848, 74.3715,
65.7585

 22.3713, 17.6736,
13.6468

 109.5452, 97.6847,
87.9997

 14.2481, 10.7159,
7.7395

138.8491,
125.4223, 114.7633

 8.3763, 5.8761,
3.8433

172.9618,
157.9685, 146.4679

 4.3905, 2.7699,
1.5398

212.2487,
195.7078, 183.5319

 1.9253, 1.0128,
0.2473

257.0752,

 0.5915, 0.0000,

239.0246, 226.3740

0.0000

307.8067,
288.3033, 275.4126

■ 0.0000, 0.0000,
0.0000

■ 46.8332, 39.4803,
33.1691

■ 46.8332, 39.4803,
33.1691

■ 42.0574, 32.4968,
23.6599

■ 52.6179, 47.9321,
44.7081

■ 38.2298, 26.8927,
16.0609

■ 59.4612, 57.9232,
58.3822

■ 35.2881, 22.5782,
10.2437

■ 67.4135, 69.5267,
74.2926

■ 33.1614, 19.4508,
6.0633

■ 76.5209, 82.8096,
92.5329

■ 31.7677, 17.3922,
3.3519

■ 84.5505, 94.5873,
108.4086

■ 31.0081, 16.2599,
1.9056

■ 30.7726, 15.9116,
1.4493

Harmonies

Analogous

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



47.6588, 39.4803, 46.1732



46.8332, 39.4803, 33.1691



43.4185, 39.4803, 24.7996

Triad

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



46.8332, 39.4803, 33.1691



30.4752, 39.4803, 28.8404



36.4493, 39.4803, 75.6596

Complementary

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



46.8332, 39.4803, 33.1691



52.0540, 64.4507, 80.2177

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.



32.1902, 39.4803, 68.4140



46.8332, 39.4803, 33.1691



28.9401, 39.4803, 39.9514

Square

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



46.8332, 39.4803, 33.1691



33.9185, 39.4803, 22.7060



29.5396, 39.4803, 54.5738



41.3781, 39.4803, 72.7420

Rectangle

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



46.8332, 39.4803, 33.1691



40.2807, 39.4803, 22.0067



29.5396, 39.4803, 54.5738



34.8976, 39.4803, 74.2883

Sweetspot

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



46.8342, 39.4822, 33.1699



83.7043, 83.4481, 86.1907



54.7851, 42.4093, 75.8193



17.6015, 17.4021, 17.8189



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.



46.8342, 39.4822, 33.1699



57.9823, 45.8785, 34.8440



53.6449, 53.1035, 35.4401



13.7217, 13.7294, 14.2336



17.9184, 9.2748, 0.8458



1.2472, 0.6533, 0.0604

Inverse Universe

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



52.0540, 64.4507, 80.2177



66.0313, 84.3882, 107.4161



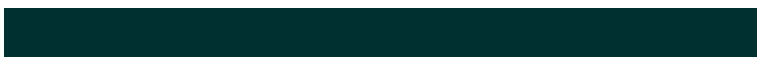
43.2266, 46.7959, 77.2753



14.1002, 15.5396, 17.6440



22.8951, 33.2597, 46.2614



1.5920, 2.3155, 3.2083

Previews

White Background



This preview shows how the XYZ color 46.8332, 39.4803, 33.1691 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 46.8332, 39.4803, 33.1691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

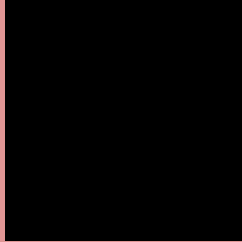
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8332, 39.4803, 33.1691

Background



This preview shows how black text looks on a background with the XYZ color 46.8332, 39.4803, 33.1691.



This preview shows how white text looks on a background with the XYZ color 46.8332, 39.4803,

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

46.8332, 39.4803, 33.1691

Protanopia

37.8534, 39.5878, 37.9939

Deuteranopia

40.5336, 39.7390, 32.7282



Tritanopia

47.7431, 39.3782, 37.8853

Trichromacy



Original Color

46.8332, 39.4803, 33.1691

Protanomaly

40.5699, 39.1603, 35.9923

Deuteranomaly

42.6702, 39.5394, 32.9867

Tritanomaly

47.5576, 39.5539, 36.1385

Monochromacy



Original Color

46.8332, 39.4803, 33.1691

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.9433, 39.7859, 40.1718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8332, 39.4803, 33.1691 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(224, 149, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 149, 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(224, 149, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 149, 148) }
```

Border

The CSS property to change the border of an element to XYZ 46.8332, 39.4803, 33.1691 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(224, 149, 148) }
```


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

```
.border{ border-color:rgb(224, 149, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 149, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 149, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 149, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 149,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8332, 39.4803, 33.1691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 149, 148) }
```

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

```
.background{ background-color: rgb(224,  
149, 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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