

Converting Colors

XYZ(50.1358, 41.1018, 30.3517)

Have a look what the booklet for
XYZ(50.1358, 41.1018, 30.3517)
contains.

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Color

**XYZ(49.9897, 40.9358,
30.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	EC948D
RGB	236, 148, 141
RGB Percent	93%, 58%, 55%
CMY	0.0745, 0.4196, 0.4471
CMYK	0.00, 0.37, 0.40, 0.07
HSL	4°, 71%, 74%
HSV	4°, 40%, 93%
XYZ	49.9897, 40.9358, 30.4660
YIQ	173.5140, 54.6950, 16.4790

Conversions

Conversions Part 2

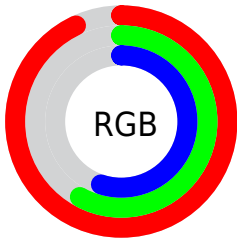
Format	Color
R _Y B	236, 149, 141
Decimal	15504525
CIE Lab	70.13, 32.35, 17.69
CIE LCh	70, 36.867, 28.674
Yxy	40.9358, 0.4118, 0.3372
Android (android.graphics.Color)	4293694605 (0xFFEC948D)
YUV	173.5140, -16.0294, 54.8002
Hunter-Lab	63.9811, 27.4987, 16.5545

Details

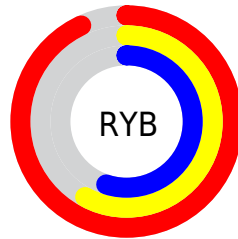
The XYZ color **49.9897, 40.9358, 30.4660** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.1428, 67.7546, 89.5811**, and the grayscale version is **40.0439, 42.1293, 45.8788**.

A 20% lighter version of the original color is **72.4463, 67.9120, 60.9198**, and **24.2027, 18.4682, 12.1866** is the 20% darker color. If you saturate the color by 10%, you get **45.3062, 34.0859, 21.1449**, and if you desaturate by 10%, it is **55.6970, 49.2343, 41.9749**.

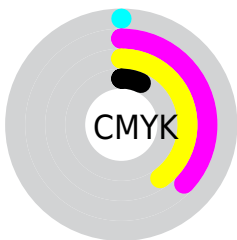
Distribution



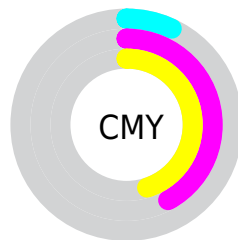
- Red (93%)
- Green (58%)
- Blue (55%)



- Red (93%)
- Yellow (58%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (40%)
- Black (7%)





- Cyan (7%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9897, 40.9358, 30.4660 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 49.9897, 40.9358, 30.4660 by changing the saturation by 10% instead.


 49.9897, 40.9358,
30.4660

 49.9897, 40.9358,
30.4660


377.0783,
350.0522, 318.3452


 35.6230, 28.2689,
19.9375


 89.3515, 76.5864,
61.4680

 24.3119, 18.5285,
12.1660


 115.0773,
100.3390, 82.7787

 15.6911, 11.3301,
6.7329


 145.3202,
128.5555, 108.5205

 9.3953, 6.2893,
3.2197

180.4456,
161.6205, 139.1119

 5.0591, 3.0218,
1.2079

220.8187,
199.9182, 174.9716

 2.3171, 1.1431,
0.0000

266.8049,

 0.8034, 0.0145,

243.8332, 216.5180

0.0000

318.7697,
293.7497, 264.1697

■ 0.0000, 0.0000,
0.0000

■ 49.9897, 40.9358,
30.4660

■ 49.9897, 40.9358,
30.4660

■ 45.3062, 34.0859,
21.1449

■ 55.6970, 49.2343,
41.9749

■ 41.5828, 28.5960,
13.8709

■ 62.4803, 59.0514,
55.7958

■ 38.7535, 24.3768,
8.4904


■ 70.3924, 70.4599,
72.0460

■ 36.7429, 21.3264,
4.8272

■ 79.4815, 83.5262,
90.8346

■ 35.4626, 19.3266,
2.6720

■ 88.4020, 96.5728,
108.5889

 34.7988, 18.2463,
1.6878

Harmonies

Analogous

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



51.6848, 40.9358, 45.3450



49.9897, 40.9358, 30.4660



45.2511, 40.9358, 21.8038

Triad

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



49.9897, 40.9358, 30.4660



29.8230, 40.9358, 29.4449



38.6405, 40.9358, 86.6776

Complementary

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



49.9897, 40.9358, 30.4660



54.1428, 67.7546, 89.5811

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.



33.1877, 40.9358, 79.3675



49.9897, 40.9358, 30.4660



28.4326, 40.9358, 43.8081

Square

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



49.9897, 40.9358, 30.4660



33.6074, 40.9358, 21.3302



29.5989, 40.9358, 62.4729



44.7391, 40.9358, 80.5018

Rectangle

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



49.9897, 40.9358, 30.4660



41.2294, 40.9358, 19.3029



29.5989, 40.9358, 62.4729



36.6759, 40.9358, 85.6880

Sweetspot

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



49.9908, 40.9378, 30.4668



82.1241, 81.4140, 82.1918



58.3532, 42.5774, 79.7604



17.3033, 17.0302, 17.0273



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.



49.9908, 40.9378, 30.4668



55.0635, 42.1773, 27.2845



58.8777, 58.7117, 33.4291



15.1547, 15.2324, 15.6601



19.2162, 10.1267, 0.9418



1.5401, 0.8576, 0.0844

Inverse Universe

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



54.1428, 67.7546, 89.5811



60.6077, 78.0699, 106.4824



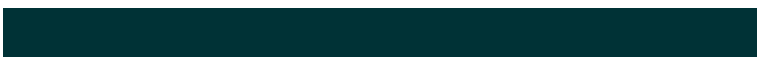
42.8873, 45.2434, 85.8292



15.4171, 16.9206, 19.3757



22.2928, 31.2326, 48.5965



1.7790, 2.5094, 3.8255

Previews

White Background



This preview shows how the XYZ color 49.9897, 40.9358, 30.4660 looks on a white background.

Color Contrast Check

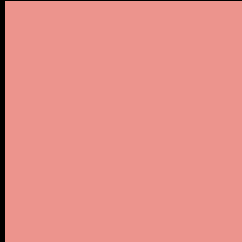
Large Text (above 18pt) WCAG AA × Fail

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 49.9897, 40.9358, 30.4660 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 49.9897, 40.9358, 30.4660

Background



This preview shows how black text looks on a background with the XYZ color 49.9897, 40.9358, 30.4660.



This preview shows how white text looks on a background with the XYZ color 49.9897, 40.9358,

30.4660.

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

49.9897, 40.9358, 30.4660

Protanopia

38.9031, 41.0094, 36.0022

Deuteranopia

41.8620, 41.0246, 29.7569



Tritanopia

51.2897, 40.9966, 37.1082

Trichromacy



Original Color

49.9897, 40.9358, 30.4660

Protanomaly

42.3414, 40.6437, 34.0471

Deuteranomaly

44.4989, 40.8065, 29.9572

Tritanomaly

50.9447, 41.1063, 34.5274

Monochromacy



Original Color

49.9897, 40.9358, 30.4660

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.0027, 41.3892, 39.9049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9897, 40.9358, 30.4660 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(236, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(236, 148, 141)  
}
```

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(236, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 148, 141) }
```

Border

The CSS property to change the border of an element to XYZ 49.9897, 40.9358, 30.4660 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(236, 148, 141) }
```


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

```
.border{ border-color:rgb(236, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(236, 148,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9897, 40.9358, 30.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 148, 141) }
```

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

```
.background{ background-color: rgb(236,  
148, 141) }
```

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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