

Converting Colors

XYZ(50.6166, 41.9493, 31.4158)

Have a look what the booklet for
XYZ(50.6166, 41.9493, 31.4158)
contains.

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Color

**XYZ(50.6166, 41.9493,
31.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	EC978F
RGB	236, 151, 143
RGB Percent	93%, 59%, 56%
CMY	0.0745, 0.4078, 0.4392
CMYK	0.00, 0.36, 0.39, 0.07
HSL	5°, 71%, 74%
HSV	5°, 39%, 93%
XYZ	50.6166, 41.9493, 31.4158
YIQ	175.5030, 53.2280, 15.5320

Conversions

Conversions Part 2

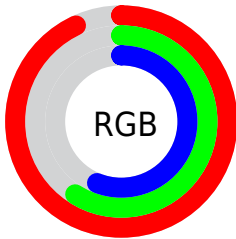
Format	Color
R _Y B	236, 152, 143
Decimal	15505295
CIE Lab	70.84, 30.99, 17.56
CIE LCh	71, 35.616, 29.539
Yxy	41.9493, 0.4083, 0.3384
Android (android.graphics.Color)	4293695375 (0xFFEC978F)
YUV	175.5030, -16.0240, 53.0559
Hunter-Lab	64.7683, 26.1538, 16.5792

Details

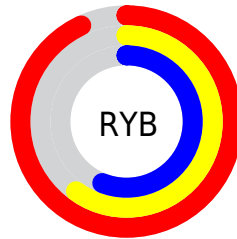
The XYZ color **50.6166, 41.9493, 31.4158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.2100, 67.3796, 89.5051**, and the grayscale version is **41.0706, 43.2094, 47.0551**.

A 20% lighter version of the original color is **73.3894, 69.4338, 62.3574**, and **24.7977, 19.1790, 12.7509** is the 20% darker color. If you saturate the color by 10%, you get **45.8540, 34.9906, 21.9164**, and if you desaturate by 10%, it is **56.3924, 50.3325, 43.1091**.

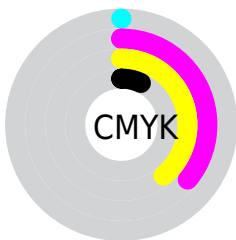
Distribution



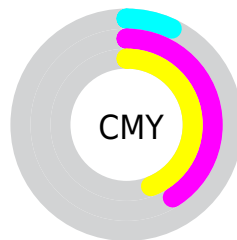
- Red (93%)
- Green (59%)
- Blue (56%)



- Red (93%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (36%)
- Yellow (39%)
- Black (7%)




- Cyan (7%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6166, 41.9493, 31.4158 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 50.6166, 41.9493, 31.4158 by changing the saturation by 10% instead.


 50.6166, 41.9493,
31.4158


 50.6166, 41.9493,
31.4158


379.4846,
354.2727, 322.8597

 36.1234, 29.0616,
20.6546

 90.2742, 78.1229,
62.9813

 24.7000, 19.1274,
12.6830


 116.1692,
102.1776, 84.6227

 15.9813, 11.7624,
7.0824


146.5956,
130.7233, 110.7279

 9.6017, 6.5821,
3.4345

181.9186,
164.1446, 141.7154

 5.1959, 3.2021,
1.3205

222.5037,
202.8258, 178.0038

 2.3986, 1.2382,
0.0785

268.7161,

 0.8444, 0.0925,

247.1513, 220.0116

0.0000

320.9213,
297.5055, 268.1574

■ 0.0000, 0.0000,
0.0000

■ 50.6166, 41.9493,
31.4158

■ 50.6166, 41.9493,
31.4158

■ 45.8540, 34.9906,
21.9164

■ 56.3924, 50.3325,
43.1091

■ 42.0430, 29.3713,
14.4717

■ 63.2320, 60.2068,
57.1189

■ 39.1202, 25.0071,
8.9303

■ 71.1863, 71.6420,
73.5615

■ 37.0130, 21.8012,
5.1190

■ 80.3022, 84.7016,
92.5450

■ 35.6374, 19.6427,
2.8329

■ 88.4020, 96.5728,
108.5889

■ 34.8789, 18.3944,
1.7524

■ 34.8478, 18.3443,
1.7041

Harmonies

Analogous

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



52.3706, 41.9493, 45.9384



50.6166, 41.9493, 31.4158



45.9245, 41.9493, 22.9454

Triad

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



50.6166, 41.9493, 31.4158



30.8432, 41.9493, 31.0632



39.7801, 41.9493, 86.6409

Complementary

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



50.6166, 41.9493, 31.4158



54.2100, 67.3796, 89.5051

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.



34.3753, 41.9493, 79.9292



50.6166, 41.9493, 31.4158



29.5385, 41.9493, 45.4139

Square

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



50.6166, 41.9493, 31.4158



34.5191, 41.9493, 22.7801



30.7661, 41.9493, 63.7053



45.7505, 41.9493, 80.3107

Rectangle

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



50.6166, 41.9493, 31.4158



41.9740, 41.9493, 20.5343



30.7661, 41.9493, 63.7053



37.8405, 41.9493, 85.8149

Sweetspot

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



50.6177, 41.9514, 31.4166



82.2273, 81.6204, 82.2262



58.4530, 43.0934, 78.8179



17.3273, 17.0783, 17.0353



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.



50.6177, 41.9514, 31.4166



55.8206, 43.4073, 28.4135



59.5732, 59.8623, 34.4018



15.1697, 15.2624, 15.6651



19.2470, 10.1882, 0.9521



1.5473, 0.8719, 0.0867

Inverse Universe

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



54.2100, 67.3796, 89.5051



60.6225, 77.4966, 106.3709



43.1451, 45.2497, 85.8168



15.4003, 16.8871, 19.3701



21.8848, 30.4166, 48.4605



1.7512, 2.4538, 3.8162

Previews

White Background



This preview shows how the XYZ color 50.6166, 41.9493, 31.4158 looks on a white background.

Color Contrast Check

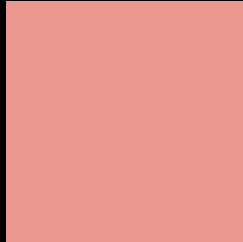
Large Text (above 18pt) WCAG AA × Fail

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 50.6166, 41.9493, 31.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

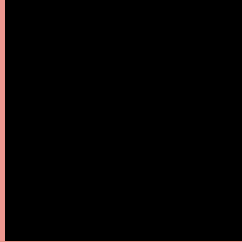
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6166, 41.9493, 31.4158

Background



This preview shows how black text looks on a background with the XYZ color 50.6166, 41.9493, 31.4158.



This preview shows how white text looks on a background with the XYZ color 50.6166, 41.9493,

31.4158.

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

50.6166, 41.9493, 31.4158

Protanopia

39.8324, 42.0440, 36.5878

Deuteranopia

42.9095, 42.0874, 30.6731



Tritanopia

52.0177, 42.0375, 38.6301

Trichromacy



Original Color

50.6166, 41.9493, 31.4158

Protanomaly

43.0475, 41.5298, 34.6014

Deuteranomaly

45.2841, 41.7090, 30.8632

Tritanomaly

51.6641, 42.1503, 35.9847

Monochromacy



Original Color

50.6166, 41.9493, 31.4158

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

43.8083, 42.3235, 40.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6166, 41.9493, 31.4158 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, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(236, 151, 143)  
}
```

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, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 151, 143) }
```

Border

The CSS property to change the border of an element to XYZ 50.6166, 41.9493, 31.4158 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, 151, 143) }
```


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

```
.border{ border-color:rgb(236, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(236, 151,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6166, 41.9493, 31.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 151, 143) }
```

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

```
.background{ background-color: rgb(236,  
151, 143) }
```

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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