

Converting Colors

XYZ(48.4112, 40.6746, 31.4401)

Have a look what the booklet for
XYZ(48.4112, 40.6746, 31.4401)
contains.

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Color

**XYZ(48.1774, 40.4539,
31.2558)**

Conversions

Conversions Part 1

Format	Color
Hex	E5968F
RGB	229, 150, 143
RGB Percent	90%, 59%, 56%
CMY	0.1020, 0.4117, 0.4392
CMYK	0.00, 0.34, 0.38, 0.10
HSL	5°, 62%, 73%
HSV	5°, 38%, 90%
XYZ	48.1774, 40.4539, 31.2558
YIQ	172.8230, 49.3310, 14.5710

Conversions

Conversions Part 2

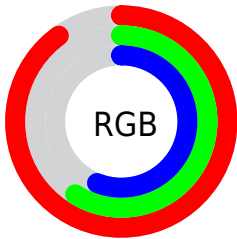
Format	Color
R _Y B	229, 151, 143
Decimal	15046287
CIE Lab	69.79, 28.87, 15.98
CIE LCh	70, 33.000, 28.970
Yxy	40.4539, 0.4019, 0.3374
Android (android.graphics.Color)	4293236367 (0xFFE5968F)
YUV	172.8230, -14.7027, 49.2672
Hunter-Lab	63.6034, 23.9018, 15.3862

Details

The XYZ color **48.1774, 40.4539, 31.2558** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.5908, 63.7369, 83.7121**, and the grayscale version is **39.6862, 41.7530, 45.4690**.

A 20% lighter version of the original color is **73.1494, 68.9539, 62.2774**, and **23.1381, 18.1836, 12.6462** is the 20% darker color. If you saturate the color by 10%, you get **43.5559, 33.7095, 22.0125**, and if you desaturate by 10%, it is **53.7576, 48.5488, 42.5665**.

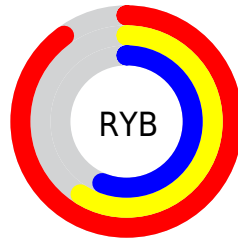
Distribution



Red (90%)

Green (59%)

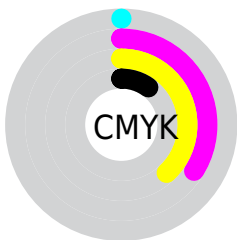
Blue (56%)



Red (90%)

Yellow (59%)

Blue (56%)

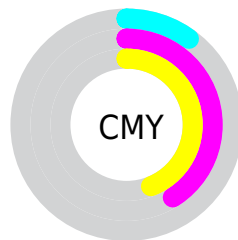


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (10%)



Cyan (10%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1774, 40.4539, 31.2558 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 48.1774, 40.4539, 31.2558 by changing the saturation by 10% instead.


 48.1774, 40.4539,
31.2558


 48.1774, 40.4539,
31.2558


370.0658,
348.0330, 322.1027

 34.1792, 27.8926,
20.5336


 86.6766, 75.8542,
62.7269

 23.1949, 18.2447,
12.5956


 111.9083, 99.4620,
84.3128

 14.8589, 11.1258,
7.0232

141.6152,
127.5208, 110.3571

 8.8061, 6.1515,
3.3980

176.1628,
160.4149, 141.2783

 4.6710, 2.9374,
1.3013

215.9162,
198.5288, 177.4949

 2.0883, 1.0992,
0.0628

261.2410,

 0.6829, 0.0000,

242.2469, 219.4255

0.0000

312.5024,
291.9535, 267.4886

■ 0.0000, 0.0000,
0.0000

■ 48.1774, 40.4539,
31.2558

■ 48.1774, 40.4539,
31.2558

■ 43.5559, 33.7095,
22.0125

■ 53.7576, 48.5488,
42.5665

■ 39.8361, 28.2366,
14.7091

■ 60.3431, 58.0560,
56.0566

■ 36.9596, 23.9570,
9.2081

■ 67.9811, 69.0404,
71.8331

■ 34.8600, 20.7815,
5.3525

■ 76.7151, 81.5614,
89.9952

■ 33.4608, 18.6083,
2.9585

■ 86.1231, 95.3980,
108.4822

■ 32.6663, 17.3153,
1.7813

■ 32.5401, 17.1121,
1.5879

Harmonies

Analogous

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



49.6880, 40.4539, 44.5795



48.1774, 40.4539, 31.2558



44.0044, 40.4539, 23.3071

Triad

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



48.1774, 40.4539, 31.2558



30.2868, 40.4539, 30.5312



38.2655, 40.4539, 80.5872

Complementary

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



48.1774, 40.4539, 31.2558



51.5908, 63.7369, 83.7121

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.



33.3843, 40.4539, 74.4465



48.1774, 40.4539, 31.2558



29.0491, 40.4539, 43.5196

Square

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



48.1774, 40.4539, 31.2558



33.6768, 40.4539, 22.9622



30.1293, 40.4539, 59.9250



43.6546, 40.4539, 75.2009

Rectangle

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



48.1774, 40.4539, 31.2558



40.4535, 40.4539, 20.9852



30.1293, 40.4539, 59.9250



36.5142, 40.4539, 79.7823

Sweetspot

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



48.1785, 40.4559, 31.2566



83.1825, 82.9719, 84.2679



55.4911, 41.6454, 75.1144



17.5167, 17.3457, 17.4421



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.



48.1785, 40.4559, 31.2566



56.8342, 44.8450, 30.5682



56.0624, 56.2237, 33.8846



14.4709, 14.5556, 14.9513



18.6394, 9.8530, 0.9194



1.4103, 0.7940, 0.0789

Inverse Universe

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



51.5908, 63.7369, 83.7121



61.7578, 78.5180, 106.5083



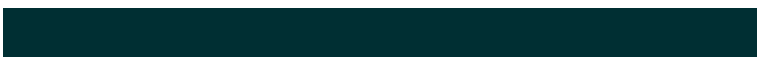
41.8461, 44.2475, 80.4639



14.7018, 16.1249, 18.4819



21.3546, 29.7713, 47.0041



1.6079, 2.2597, 3.4834

Previews

White Background



This preview shows how the XYZ color 48.1774, 40.4539, 31.2558 looks on a white background.

Color Contrast Check

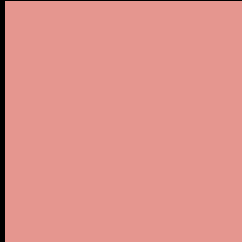
Large Text (above 18pt) WCAG AA × Fail

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 48.1774, 40.4539, 31.2558 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 48.1774, 40.4539, 31.2558

Background



This preview shows how black text looks on a background with the XYZ color 48.1774, 40.4539, 31.2558.



This preview shows how white text looks on a background with the XYZ color 48.1774, 40.4539,

31.2558.

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

48.1774, 40.4539, 31.2558

Protanopia

38.4846, 40.5143, 35.9287

Deuteranopia

41.2978, 40.4501, 30.4420



Tritanopia

49.4810, 40.5060, 38.0114

Trichromacy



Original Color

48.1774, 40.4539, 31.2558

Protanomaly

41.5480, 40.2346, 34.0100

Deuteranomaly

43.5004, 40.2747, 30.6804

Tritanomaly

49.1303, 40.6178, 35.3876

Monochromacy



Original Color

48.1774, 40.4539, 31.2558

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9690, 40.8564, 39.8565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1774, 40.4539, 31.2558 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(229, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(229, 150, 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(229, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 150, 143) }
```

Border

The CSS property to change the border of an element to XYZ 48.1774, 40.4539, 31.2558 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(229, 150, 143) }
```


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

```
.border{ border-color:rgb(229, 150, 143) }
```

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

Here you see how a box with a 4 pixel rgb(229, 150, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(229, 150,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1774, 40.4539, 31.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 150, 143) }
```

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

```
.background{ background-color: rgb(229,  
150, 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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