

Converting Colors

XYZ(46.4356, 36.8486, 31.0506)

Have a look what the booklet for
XYZ(46.4356, 36.8486, 31.0506)
contains.

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Color

**XYZ(46.4356, 36.8486,
31.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	E58A90
RGB	229, 138, 144
RGB Percent	90%, 54%, 56%
CMY	0.1020, 0.4588, 0.4353
CMYK	0.00, 0.40, 0.37, 0.10
HSL	356°, 64%, 72%
HSV	356°, 40%, 90%
XYZ	46.4356, 36.8486, 31.0506
YIQ	165.8930, 52.3100, 21.1580

Conversions

Conversions Part 2

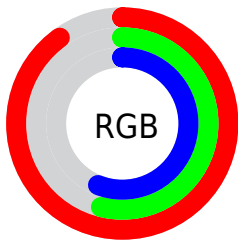
Format	Color
R _Y B	229, 138, 144
Decimal	15043216
CIE Lab	67.16, 35.34, 11.74
CIE LCh	67, 37.236, 18.380
Yxy	36.8486, 0.4061, 0.3223
Android (android.graphics.Color)	4293233296 (0xFFE58A90)
YUV	165.8930, -10.7932, 55.3448
Hunter-Lab	60.7030, 30.3156, 12.1643

Details

The XYZ color **46.4356, 36.8486, 31.0506** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.8216, 66.7704, 79.9725**, and the grayscale version is **36.2276, 38.1142, 41.5064**.

A 20% lighter version of the original color is **70.5030, 63.4771, 61.9625**, and **22.1428, 16.1217, 12.5344** is the 20% darker color. If you saturate the color by 10%, you get **42.0067, 30.3640, 22.2579**, and if you desaturate by 10%, it is **51.8689, 44.8459, 41.7072**.

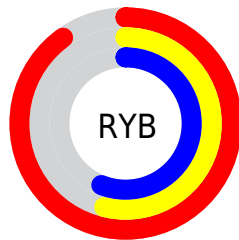
Distribution



Red (90%)

Green (54%)

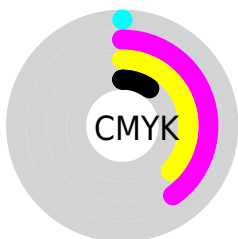
Blue (56%)



Red (90%)

Yellow (54%)

Blue (56%)

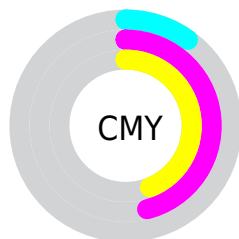


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (10%)



Cyan (10%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.4356, 36.8486, 31.0506 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 46.4356, 36.8486, 31.0506 by changing the saturation by 10% instead.


 46.4356, 36.8486,
31.0506


 46.4356, 36.8486,
31.0506

363.2438,
332.6546, 321.1298


 32.7958, 25.0903,
20.3786


 84.0944, 70.3399,
62.4002

 22.1285, 16.1443,
12.4837

 108.8441, 92.8416,
83.9150

 14.0685, 9.6263,
6.9475


 138.0278,
119.6933, 109.8810

 8.2503, 5.1519,
3.3513

172.0109,
151.2793, 140.7169

 4.3087, 2.3367,
1.2767

211.1586,
187.9841, 176.8411

 1.8782, 0.7930,
0.0426

255.8365,

 0.5641, 0.0000,

230.1919, 218.6724

0.0000

306.4098,
278.2873, 266.6291

■ 0.0000, 0.0000,
0.0000

■ 46.4356, 36.8486,
31.0506

■ 46.4356, 36.8486,
31.0506

■ 42.0067, 30.3640,
22.2579

■ 51.8689, 44.8459,
41.7072

■ 38.5178, 25.2920,
15.2198

■ 58.3598, 54.4372,
54.3239

■ 35.9017, 21.5287,
9.8191

■ 65.9615, 65.7041,
68.9931

■ 34.0809, 18.9538,
5.9235

■ 74.7225, 78.7216,
85.8005

■ 32.9642, 17.4249,
3.3798

■ 84.6886, 93.5596,
104.8271

■ 32.4106, 16.7075,
1.9934

■ 86.1231, 95.3980,
108.4822

■ 32.3999, 16.6927,
1.9695

Harmonies

Analogous

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



46.8388, 36.8486, 46.7527



46.4356, 36.8486, 31.0506



42.7843, 36.8486, 20.9973

Triad

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



46.4356, 36.8486, 31.0506



27.4815, 36.8486, 22.7359



32.8709, 36.8486, 79.1876

Complementary

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



46.4356, 36.8486, 31.0506



51.8216, 66.7704, 79.9725

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.



28.2630, 36.8486, 68.3194



46.4356, 36.8486, 31.0506



25.3837, 36.8486, 34.1496

Square

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



46.4356, 36.8486, 31.0506



31.6934, 36.8486, 17.1684



25.6534, 36.8486, 50.8073



38.5790, 36.8486, 77.6959

Rectangle

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



46.4356, 36.8486, 31.0506



39.2007, 36.8486, 17.5139



25.6534, 36.8486, 50.8073



31.1541, 36.8486, 76.7608

Sweetspot

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



46.4366, 36.8504, 31.0513



81.7879, 80.3004, 83.4399



53.6432, 39.5134, 78.9282



17.2250, 16.7709, 17.3180



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.



46.4366, 36.8504, 31.0513



54.3556, 39.8388, 29.8931



52.7095, 50.1103, 30.9413



14.4153, 14.3833, 15.1214



18.5399, 9.5502, 1.2064



1.3836, 0.7112, 0.1608

Inverse Universe

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



46.4366, 36.8504, 31.0513



54.3556, 39.8388, 29.8931



42.9454, 47.7016, 81.0725



14.4153, 14.3833, 15.1214



18.5399, 9.5502, 1.2064



1.3836, 0.7112, 0.1608

Previews

White Background



This preview shows how the XYZ color 46.4356, 36.8486, 31.0506 looks on a white background.

Color Contrast Check

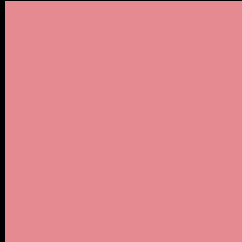
Large Text (above 18pt) WCAG AA × Fail

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 46.4356, 36.8486, 31.0506 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 46.4356, 36.8486, 31.0506

Background



This preview shows how black text looks on a background with the XYZ color 46.4356, 36.8486, 31.0506.



This preview shows how white text looks on a background with the XYZ color 46.4356, 36.8486,

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

46.4356, 36.8486, 31.0506

Protanopia

35.3314, 36.9535, 37.1689

Deuteranopia

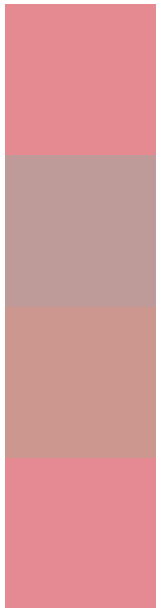
37.7736, 37.0682, 30.3633



Tritanopia

46.6041, 36.6875, 32.6421

Trichromacy



Original Color

46.4356, 36.8486, 31.0506

Protanomaly

38.4583, 36.3254, 34.6903

Deuteranomaly

40.5777, 36.7827, 30.5523

Tritanomaly

46.5252, 36.6559, 32.2269

Monochromacy



Original Color

46.4356, 36.8486, 31.0506

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.0463, 37.0644, 37.4439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4356, 36.8486, 31.0506 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, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(229, 138, 144)  
}
```

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, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 138, 144) }
```

Border

The CSS property to change the border of an element to XYZ 46.4356, 36.8486, 31.0506 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, 138, 144) }
```


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

```
.border{ border-color:rgb(229, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(229, 138,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4356, 36.8486, 31.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 138, 144) }
```

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

```
.background{ background-color: rgb(229,  
138, 144) }
```

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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