

Converting Colors

XYZ(46.0006, 38.1817, 29.9580)

Have a look what the booklet for
XYZ(46.0006, 38.1817, 29.9580)
contains.

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Color

**XYZ(45.9845, 38.1814,
30.1454)**

Conversions

Conversions Part 1

Format	Color
Hex	E1918D
RGB	225, 145, 141
RGB Percent	88%, 57%, 55%
CMY	0.1176, 0.4314, 0.4471
CMYK	0.00, 0.36, 0.37, 0.12
HSL	3°, 58%, 72%
HSV	3°, 37%, 88%
XYZ	45.9845, 38.1814, 30.1454
YIQ	168.4640, 48.9640, 15.7160

Conversions

Conversions Part 2

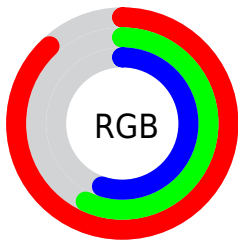
Format	Color
R _Y B	225, 145, 141
Decimal	14782861
CIE Lab	68.15, 29.79, 14.74
CIE LCh	68, 33.234, 26.331
Yxy	38.1814, 0.4023, 0.3340
Android (android.graphics.Color)	4292972941 (0xFFE1918D)
YUV	168.4640, -13.5398, 49.5821
Hunter-Lab	61.7911, 24.7040, 14.3286

Details

The XYZ color **45.9845, 38.1814, 30.1454** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.4306, 62.8097, 80.6999**, and the grayscale version is **37.4961, 39.4489, 42.9598**.

A 20% lighter version of the original color is **71.7446, 66.5087, 60.6859**, and **21.7390, 16.7995, 11.9944** is the 20% darker color. If you saturate the color by 10%, you get **41.5062, 31.6374, 21.2151**, and if you desaturate by 10%, it is **51.4224, 46.1001, 41.0742**.

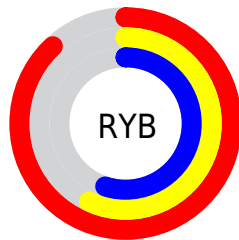
Distribution



Red (88%)

Green (57%)

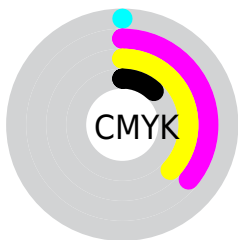
Blue (55%)



Red (88%)

Yellow (57%)

Blue (55%)

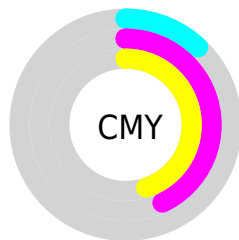


Cyan (0%)

Magenta (36%)

Yellow (37%)

Black (12%)



Cyan (12%)


Magenta (43%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9845, 38.1814, 30.1454 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 45.9845, 38.1814, 30.1454 by changing the saturation by 10% instead.


 45.9845, 38.1814,
30.1454


 45.9845, 38.1814,
30.1454


361.4633,
338.3975, 316.8100


 32.4382, 26.1235,
19.6960


 83.4238, 72.3861,
60.9558

 21.8536, 16.9161,
11.9924


 108.0475, 95.3017,
82.1538

 13.8653, 10.1747,
6.6160


 137.0943,
122.6053, 107.7718

 8.1081, 5.5149,
3.1484

170.9297,
154.6813, 138.2283

 4.2166, 2.5524,
1.1709

209.9189,
191.9142, 173.9418

 1.8254, 0.9028,
0.0000

254.4273,

 0.5329, 0.0000,

234.6882, 215.3309

0.0000

304.8204,
283.3878, 262.8141

0.0000, 0.0000,
0.0000

45.9845, 38.1814,
30.1454

45.9845, 38.1814,
30.1454

41.5062, 31.6374,
21.2151

51.4224, 46.1001,
41.0742

37.9290, 26.3846,
14.1602

57.8679, 55.4596,
54.1098

35.1926, 22.3392,
8.8478

65.3695, 66.3286,
69.3557

33.2282, 19.4051,
5.1263

73.9716, 78.7697,
86.9076

31.9560, 17.4717,
2.8184

83.7162, 92.8418,
106.8557

■ 31.2762, 16.4045,
1.6903

■ 84.8614, 94.7476,
108.4232

■ 31.1680, 16.2407,
1.4920

Harmonies

Analogous

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



47.1827, 38.1814, 43.4279



45.9845, 38.1814, 30.1454



42.1059, 38.1814, 22.0419

Triad

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



45.9845, 38.1814, 30.1454



28.6055, 38.1814, 27.6615



35.6557, 38.1814, 77.0954

Complementary

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



45.9845, 38.1814, 30.1454



50.4306, 62.8097, 80.6999

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.



31.0364, 38.1814, 70.1691



45.9845, 38.1814, 30.1454



27.2182, 38.1814, 39.7718

Square

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



45.9845, 38.1814, 30.1454



32.0431, 38.1814, 20.8660



28.0643, 38.1814, 55.5756



40.8970, 38.1814, 72.7924

Rectangle

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



45.9845, 38.1814, 30.1454



38.6988, 38.1814, 19.5343



28.0643, 38.1814, 55.5756



33.9838, 38.1814, 75.9681

Sweetspot

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



45.9855, 38.1833, 30.1461



82.9207, 82.4483, 84.1806



53.7881, 40.3424, 74.2000



17.4550, 17.2222, 17.4215



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.



45.9855, 38.1833, 30.1461



56.2280, 43.6326, 30.3661



53.3762, 52.9646, 32.6097



13.7594, 13.8047, 14.2462



17.9842, 9.4064, 0.8677



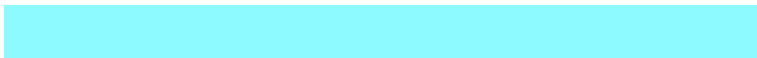
1.2653, 0.6895, 0.0664

Inverse Universe

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



50.4306, 62.8097, 80.6999



62.9469, 80.8963, 106.9046



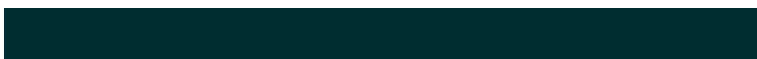
40.9371, 43.8227, 77.5354



14.0577, 15.4544, 17.6298



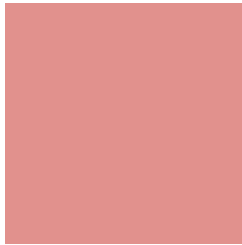
21.7534, 30.9763, 45.8809



1.5253, 2.1821, 3.1860

Previews

White Background



This preview shows how the XYZ color 45.9845, 38.1814, 30.1454 looks on a white background.

Color Contrast Check

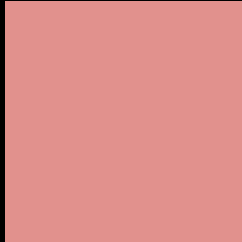
Large Text (above 18pt) WCAG AA × Fail

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 45.9845, 38.1814, 30.1454 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 45.9845, 38.1814, 30.1454

Background



This preview shows how black text looks on a background with the XYZ color 45.9845, 38.1814, 30.1454.



This preview shows how white text looks on a background with the XYZ color 45.9845, 38.1814,

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

45.9845, 38.1814, 30.1454

Protanopia

36.5373, 38.4237, 35.1966

Deuteranopia

39.1506, 38.3140, 29.3766



Tritanopia

47.0192, 38.1468, 35.4567

Trichromacy



Original Color

45.9845, 38.1814, 30.1454

Protanomaly

39.3104, 37.7983, 33.2409

Deuteranomaly

41.5584, 38.2859, 29.6257

Tritanomaly

46.7621, 38.2852, 33.3589

Monochromacy



Original Color

45.9845, 38.1814, 30.1454

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

39.7286, 38.4291, 37.6714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9845, 38.1814, 30.1454 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(225, 145, 141)` looks like.

```
.text, #text, p{  
    color:rgb(225, 145, 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(225, 145, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 145, 141) }
```

Border

The CSS property to change the border of an element to XYZ 45.9845, 38.1814, 30.1454 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(225, 145, 141) }
```


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

```
.border{ border-color:rgb(225, 145, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 145, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 145, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 145, 141);  
box-shadow:4px 4px 4px 4px rgb(225, 145,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9845, 38.1814, 30.1454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 145, 141) }
```

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

```
.background{ background-color: rgb(225,  
145, 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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