

Converting Colors

XYZ(46.8808, 39.4382, 31.4588)

Have a look what the booklet for
XYZ(46.8808, 39.4382, 31.4588)
contains.

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Color

**XYZ(46.8328, 39.5161,
31.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	E19590
RGB	225, 149, 144
RGB Percent	88%, 58%, 56%
CMY	0.1176, 0.4157, 0.4353
CMYK	0.00, 0.34, 0.36, 0.12
HSL	4°, 57%, 72%
HSV	4°, 36%, 88%
XYZ	46.8328, 39.5161, 31.5446
YIQ	171.1540, 46.9010, 14.5570

Conversions

Conversions Part 2

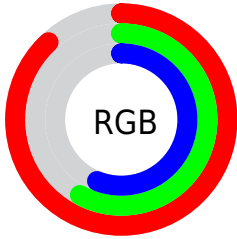
Format	Color
R _Y B	225, 149, 144
Decimal	14783888
CIE Lab	69.12, 28.01, 14.43
CIE LCh	69, 31.504, 27.253
Yxy	39.5161, 0.3972, 0.3352
Android (android.graphics.Color)	4292973968 (0xFFE19590)
YUV	171.1540, -13.3869, 47.2229
Hunter-Lab	62.8618, 22.9764, 14.2511

Details

The XYZ color **46.8328, 39.5161, 31.5446** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.6843, 62.5494, 80.6359**, and the grayscale version is **38.8357, 40.8582, 44.4945**.

A 20% lighter version of the original color is **73.0259, 68.5229, 62.8035**, and **22.4435, 17.6824, 12.8198** is the 20% darker color. If you saturate the color by 10%, you get **42.2390, 32.8117, 22.3578**, and if you desaturate by 10%, it is **52.3767, 47.5720, 42.7397**.

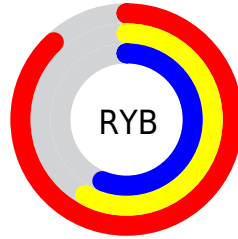
Distribution



Red (88%)

Green (58%)

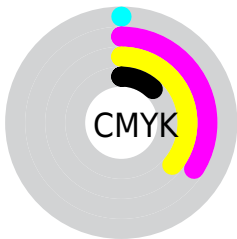
Blue (56%)



Red (88%)

Yellow (58%)

Blue (56%)

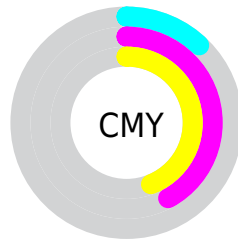


Cyan (0%)

Magenta (34%)

Yellow (36%)

Black (12%)



Cyan (12%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.8328, 39.5161, 31.5446 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 46.8328, 39.5161, 31.5446 by changing the saturation by 10% instead.

46.8328, 39.5161,
31.5446

46.8328, 39.5161,
31.5446

364.8068,
344.0798, 323.4681

33.1109, 27.1615,
20.7520

84.6843, 74.4261,
63.1861

22.3710, 17.6945,
12.7533

109.5445, 97.7502,
84.8720

14.2479, 10.7309,
7.1302

138.8483,
125.4996, 111.0261

8.3762, 5.8862,
3.4640

172.9608,
158.0587, 142.0669

4.3904, 2.7760,
1.3361

212.2476,
195.8119, 178.4129

1.9253, 1.0159,
0.0911

257.0740,

0.5915, 0.0000,

239.1435, 220.4828

0.0000

307.8053,
288.4380, 268.6950

0.0000, 0.0000,
0.0000

46.8328, 39.5161,
31.5446

46.8328, 39.5161,
31.5446

42.2390, 32.8117,
22.3578

52.3767, 47.5720,
42.7397

38.5390, 27.3794,
15.0582

58.9167, 57.0418,
56.0497

35.6753, 23.1404,
9.5155

66.4995, 67.9906,
71.5765

33.5827, 20.0050,
5.5815

75.1678, 80.4782,
89.4148

32.1859, 17.8703,
3.0842

84.7194, 94.4637,
108.3759

■ 31.3942, 16.6145,
1.8107

■ 84.8613, 94.7475,
108.4232

■ 31.2070, 16.3190,
1.5051

Harmonies

Analogous

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



48.0749, 39.5161, 44.3678



46.8328, 39.5161, 31.5446



43.0390, 39.5161, 23.6764

Triad

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



46.8328, 39.5161, 31.5446



29.9952, 39.5161, 29.7115



37.0972, 39.5161, 77.0602

Complementary

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



46.8328, 39.5161, 31.5446



50.6843, 62.5494, 80.6359

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.



32.5649, 39.5161, 70.7910



46.8328, 39.5161, 31.5446



28.7004, 39.5161, 41.7122

Square

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



46.8328, 39.5161, 31.5446



33.3005, 39.5161, 22.7959



29.5979, 39.5161, 57.0024



42.1656, 39.5161, 72.6576

Rectangle

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



46.8328, 39.5161, 31.5446



39.7342, 39.5161, 21.2647



29.5979, 39.5161, 57.0024



35.4644, 39.5161, 76.1041

Sweetspot

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



46.8338, 39.5180, 31.5454



83.0300, 82.6668, 84.2170



54.0692, 41.1722, 73.4689



17.4807, 17.2737, 17.4301



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.



46.8338, 39.5180, 31.5454



57.6265, 45.8123, 32.7352



54.1865, 54.2233, 33.9962



13.7749, 13.8357, 14.2513



18.0114, 9.4607, 0.8768



1.2728, 0.7044, 0.0689

Inverse Universe

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



50.6843, 62.5494, 80.6359



63.4254, 80.5446, 106.8115



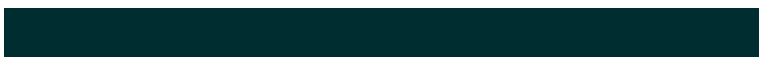
41.5048, 44.1904, 77.5761



14.0403, 15.4196, 17.6240



21.3007, 30.0710, 45.7300



1.4987, 2.1289, 3.1772

Previews

White Background



This preview shows how the XYZ color 46.8328, 39.5161, 31.5446 looks on a white background.

Color Contrast Check

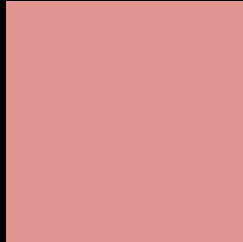
Large Text (above 18pt) WCAG AA × Fail

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 46.8328, 39.5161, 31.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

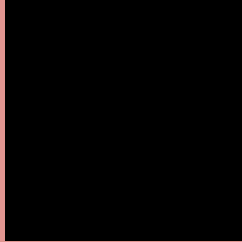
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.8328, 39.5161, 31.5446

Background



This preview shows how black text looks on a background with the XYZ color 46.8328, 39.5161, 31.5446.



This preview shows how white text looks on a background with the XYZ color 46.8328, 39.5161,

31.5446.

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

46.8328, 39.5161, 31.5446

Protanopia

37.9252, 39.9391, 36.2820

Deuteranopia

40.4854, 39.7495, 31.1298



Tritanopia

47.9693, 39.5048, 37.4447

Trichromacy



Original Color

46.8328, 39.5161, 31.5446

Protanomaly

40.6735, 39.5120, 34.3370

Deuteranomaly

42.6384, 39.5587, 31.3749

Tritanomaly

47.7037, 39.6485, 35.2757

Monochromacy



Original Color

46.8328, 39.5161, 31.5446

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.0161, 39.8440, 39.2471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8328, 39.5161, 31.5446 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, 149, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 149, 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(225, 149, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 149, 144) }
```

Border

The CSS property to change the border of an element to XYZ 46.8328, 39.5161, 31.5446 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, 149, 144) }
```


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

```
.border{ border-color:rgb(225, 149, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 149, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 149, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 149, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 149,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8328, 39.5161, 31.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 149, 144) }
```

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

```
.background{ background-color: rgb(225,  
149, 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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