

Converting Colors

XYZ(46.6945, 35.5730, 30.3239)

Have a look what the booklet for
XYZ(46.6945, 35.5730, 30.3239)
contains.

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Color

**XYZ(46.6785, 35.5394,
30.3862)**

Conversions

Conversions Part 1

Format	Color
Hex	E9838F
RGB	233, 131, 143
RGB Percent	91%, 51%, 56%
CMY	0.0863, 0.4862, 0.4392
CMYK	0.00, 0.44, 0.39, 0.09
HSL	353°, 70%, 71%
HSV	353°, 44%, 91%
XYZ	46.6785, 35.5394, 30.3862
YIQ	162.8660, 56.9400, 25.3560

Conversions

Conversions Part 2

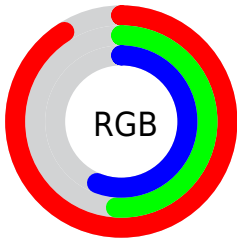
Format	Color
R _Y B	233, 131, 143
Decimal	15303567
CIE Lab	66.17, 40.32, 10.97
CIE LCh	66, 41.784, 15.219
Yxy	35.5394, 0.4145, 0.3156
Android (android.graphics.Color)	4293493647 (0xFFE9838F)
YUV	162.8660, -9.7939, 61.5075
Hunter-Lab	59.6149, 35.4394, 11.5099

Details

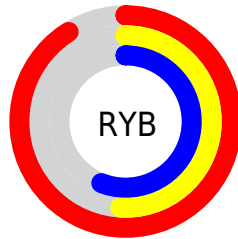
The XYZ color **46.6785, 35.5394, 30.3862** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.5519, 68.3244, 78.8813**, and the grayscale version is **34.7764, 36.5875, 39.8438**.

A 20% lighter version of the original color is **68.8769, 60.4090, 60.8532**, and **22.2273, 15.3809, 12.1532** is the 20% darker color. If you saturate the color by 10%, you get **42.4762, 29.4031, 21.9926**, and if you desaturate by 10%, it is **51.8718, 43.2006, 40.5190**.

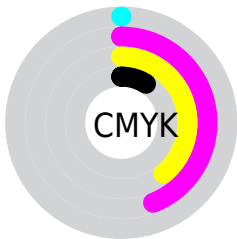
Distribution



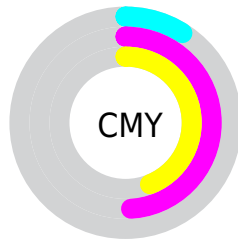
- Red (91%)
- Green (51%)
- Blue (56%)



- Red (91%)
- Yellow (51%)
- Blue (56%)



- Cyan (0%)
- Magenta (44%)
- Yellow (39%)
- Black (9%)




- Cyan (9%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6785, 35.5394, 30.3862 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 46.6785, 35.5394, 30.3862 by changing the saturation by 10% instead.


 46.6785, 35.5394,
30.3862


 46.6785, 35.5394,
30.3862


364.2001,
326.9428, 317.9637


 32.9885, 24.0787,
19.8774


 84.4552, 68.3205,
61.3406

 22.2768, 15.3920,
12.1227

 109.2725, 90.4098,
82.6233

 14.1782, 9.0950,
6.7038


 138.5297,
116.8106, 108.3343

 8.3272, 4.8032,
3.2019

172.5920,
147.9074, 138.8922

 4.3586, 2.1322,
1.1986

211.8249,
184.0847, 174.7156

 1.9069, 0.6827,
0.0000

256.5936,

 0.5809, 0.0000,

225.7267, 216.2229

0.0000

307.2636,
273.2180, 263.8327

■ 0.0000, 0.0000,
0.0000

■ 46.6785, 35.5394,
30.3862

■ 46.6785, 35.5394,
30.3862

■ 42.4762, 29.4031,
21.9926

■ 51.8718, 43.2006,
40.5190

■ 39.1986, 24.6845,
15.2381

■ 58.1109, 52.4738,
52.4795

■ 36.7760, 21.2714,
10.0154

■ 65.4500, 63.4457,
66.3524

■ 35.1271, 19.0319,
6.2034

■ 73.9389, 76.1954,
82.2166

■ 34.1546, 17.8061,
3.6623

■ 83.6241, 90.7969,
100.1464

■ 33.8068, 17.4046,
2.6390

■ 87.4143, 96.0636,
108.5427

Harmonies

Analogous

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



46.7078, 35.5394, 48.1057



46.6785, 35.5394, 30.3862



42.9199, 35.5394, 19.1259

Triad

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



46.6785, 35.5394, 30.3862



25.9839, 35.5394, 19.2417



30.8198, 35.5394, 82.1419

Complementary

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



46.6785, 35.5394, 30.3862



51.5519, 68.3244, 78.8813

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.



26.0381, 35.5394, 68.4428



46.6785, 35.5394, 30.3862



23.4878, 35.5394, 30.6017

Square

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



46.6785, 35.5394, 30.3862



30.7369, 35.5394, 14.1683



23.5063, 35.5394, 48.3983



37.0157, 35.5394, 82.0302

Rectangle

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



46.6785, 35.5394, 30.3862



39.0422, 35.5394, 15.1911



23.5063, 35.5394, 48.3983



29.0116, 35.5394, 78.8507

Sweetspot

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



46.6794, 35.5412, 30.3869



81.0144, 78.9001, 82.7300



52.1593, 37.2399, 81.5297



16.8825, 16.2017, 16.8467



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.



46.6794, 35.5412, 30.3869



52.3642, 36.4272, 27.4684



51.7788, 47.1172, 27.8405



15.1375, 15.0829, 16.0094



19.2059, 9.8850, 1.6195



1.5318, 0.7857, 0.2518

Inverse Universe

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



46.6794, 35.5412, 30.3869



52.3642, 36.4272, 27.4684



43.7194, 50.0097, 84.4393



15.1375, 15.0829, 16.0094



19.2059, 9.8850, 1.6195



1.5318, 0.7857, 0.2518

Previews

White Background



This preview shows how the XYZ color 46.6785, 35.5394, 30.3862 looks on a white background.

Color Contrast Check

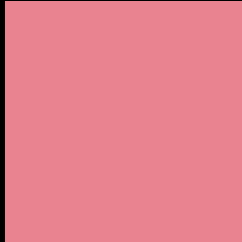
Large Text (above 18pt) WCAG AA × Fail

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 46.6785, 35.5394, 30.3862 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 46.6785, 35.5394, 30.3862

Background



This preview shows how black text looks on a background with the XYZ color 46.6785, 35.5394, 30.3862.



This preview shows how white text looks on a background with the XYZ color 46.6785, 35.5394,

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

46.6785, 35.5394, 30.3862

Protanopia

34.5199, 35.9923, 37.9287

Deuteranopia

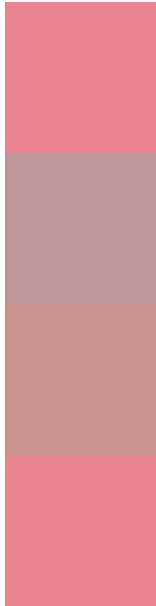
36.3891, 35.6211, 29.3837



Tritanopia

46.5283, 35.4793, 29.5952

Trichromacy



Original Color

46.6785, 35.5394, 30.3862

Protanomaly

37.8913, 35.0598, 34.9071

Deuteranomaly

39.3696, 35.0078, 29.4931

Tritanomaly

46.6031, 35.5092, 29.9889

Monochromacy



Original Color

46.6785, 35.5394, 30.3862

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.8064, 35.2249, 36.2590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6785, 35.5394, 30.3862 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(233, 131, 143)` looks like.

```
.text, #text, p{  
    color:rgb(233, 131, 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(233, 131, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 131, 143) }
```

Border

The CSS property to change the border of an element to XYZ 46.6785, 35.5394, 30.3862 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(233, 131, 143) }
```


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

```
.border{ border-color:rgb(233, 131, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 131, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 131, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 131, 143);  
box-shadow:4px 4px 4px 4px rgb(233, 131,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6785, 35.5394, 30.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 131, 143) }
```

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

```
.background{ background-color: rgb(233,  
131, 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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