

Converting Colors

XYZ(45.4274, 35.5010, 30.5159)

Have a look what the booklet for
XYZ(45.4274, 35.5010, 30.5159)
contains.

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Color

**XYZ(45.4779, 35.5273,
30.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	E4868F
RGB	228, 134, 143
RGB Percent	89%, 53%, 56%
CMY	0.1059, 0.4745, 0.4392
CMYK	0.00, 0.41, 0.37, 0.11
HSL	354°, 64%, 71%
HSV	354°, 41%, 89%
XYZ	45.4779, 35.5273, 30.4471
YIQ	163.1320, 53.1350, 22.7270

Conversions

Conversions Part 2

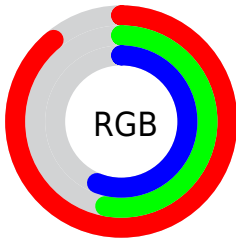
Format	Color
R_{YB}	228, 134, 143
Decimal	14976655
CIE _{Lab}	66.16, 36.95, 10.87
CIE _{LCh}	66, 38.511, 16.387
Yxy	35.5273, 0.4080, 0.3188
Android (android.graphics.Color)	4293166735 (0xFFE4868F)
YUV	163.1320, -9.9251, 56.8892
Hunter-Lab	59.6048, 31.8855, 11.4370

Details

The XYZ color **45.4779, 35.5273, 30.4471** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **50.3627, 65.6704, 77.0426**, and the grayscale version is **34.9038, 36.7215, 39.9897**.

A 20% lighter version of the original color is **69.3013, 61.2577, 60.9947**, and **21.5706, 15.3709, 12.1859** is the 20% darker color. If you saturate the color by 10%, you get **41.2385, 29.3225, 22.0233**, and if you desaturate by 10%, it is **50.6856, 43.2090, 40.6106**.

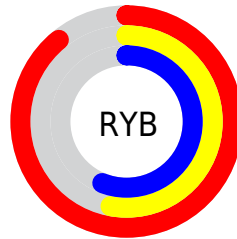
Distribution



Red (89%)

Green (53%)

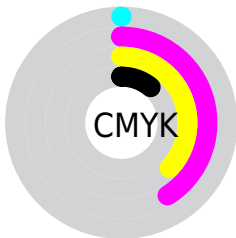
Blue (56%)



Red (89%)

Yellow (53%)

Blue (56%)

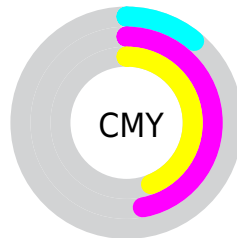


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (11%)



Cyan (11%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4779, 35.5273, 30.4471 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 45.4779, 35.5273, 30.4471 by changing the saturation by 10% instead.


 45.4779, 35.5273,
30.4471


 45.4779, 35.5273,
30.4471


359.4569,
326.8897, 318.2549


 32.0369, 24.0693,
19.9233


 82.6697, 68.3018,
61.4379

 21.5454, 15.3851,
12.1558


 107.1513, 90.3872,
82.7419

 13.6380, 9.0901,
6.7260


 136.0437,
116.7838, 108.4764

 7.9493, 4.8000,
3.2155

169.7124,
147.8761, 139.0599

 4.1141, 2.1304,
1.2057

208.5228,
184.0485, 174.9110

 1.7669, 0.6816,
0.0000

252.8400,

 0.4976, 0.0000,

225.6852, 216.4481

0.0000

303.0296,
273.1709, 264.0899

■ 0.0000, 0.0000,
0.0000

■ 45.4779, 35.5273,
30.4471

■ 45.4779, 35.5273,
30.4471

■ 41.2385, 29.3225,
22.0233

■ 50.6856, 43.2090,
40.6106

■ 37.9047, 24.4949,
15.2395

■ 56.9134, 52.4483,
52.6018

■ 35.4109, 20.9408,
9.9891

■ 64.2128, 63.3267,
66.5050

■ 33.6814, 18.5395,
6.1519

■ 72.6312, 75.9180,
82.3989

■ 32.6266, 17.1471,
3.5896

■ 82.2128, 90.2920,
100.3575

■ 32.1380, 16.5512,
2.2508

■ 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



45.6465, 35.5273, 46.5944



45.4779, 35.5273, 30.4471



41.9511, 35.5273, 20.0412

Triad

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



45.4779, 35.5273, 30.4471



26.4029, 35.5273, 20.7461



31.2405, 35.5273, 78.1645

Complementary

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



45.4779, 35.5273, 30.4471



50.3627, 65.6704, 77.0426

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.



26.7243, 35.5273, 66.3184



45.4779, 35.5273, 30.4471



24.1522, 35.5273, 31.7224

Square

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



45.4779, 35.5273, 30.4471



30.7539, 35.5273, 15.6226



24.2628, 35.5273, 48.2848



36.9721, 35.5273, 77.5343

Rectangle

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



45.4779, 35.5273, 30.4471



38.3754, 35.5273, 16.3775



24.2628, 35.5273, 48.2848



29.5443, 35.5273, 75.3923

Sweetspot

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



45.4788, 35.5291, 30.4478



81.9138, 80.3508, 84.1028



51.6229, 37.6515, 77.9454



17.2543, 16.7826, 17.4725



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.



45.4788, 35.5291, 30.4478



54.1123, 39.1918, 30.3068



50.9756, 47.5698, 29.0517



14.4327, 14.3903, 15.2132



18.5769, 9.5650, 1.4008



1.3920, 0.7145, 0.2047

Inverse Universe

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



45.4788, 35.5291, 30.4478



54.1123, 39.1918, 30.3068



42.3368, 47.6718, 80.3689



14.4327, 14.3903, 15.2132



18.5769, 9.5650, 1.4008



1.3920, 0.7145, 0.2047

Previews

White Background



This preview shows how the XYZ color 45.4779, 35.5273, 30.4471 looks on a white background.

Color Contrast Check

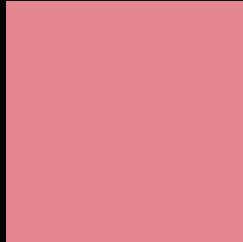
Large Text (above 18pt) WCAG AA × Fail

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 45.4779, 35.5273, 30.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

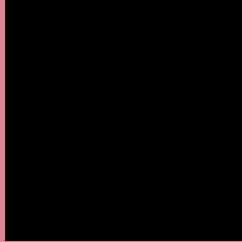
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.4779, 35.5273, 30.4471

Background



This preview shows how black text looks on a background with the XYZ color 45.4779, 35.5273, 30.4471.



This preview shows how white text looks on a background with the XYZ color 45.4779, 35.5273,

30.4471.

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

45.4779, 35.5273, 30.4471

Protanopia

34.3477, 35.9234, 37.0219

Deuteranopia

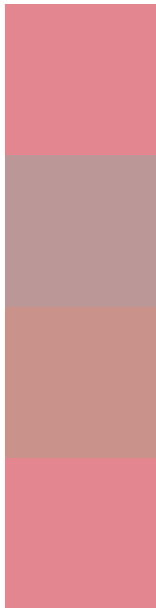
36.3891, 35.6211, 29.3837



Tritanopia

45.5540, 35.5578, 30.8479

Trichromacy



Original Color

45.4779, 35.5273, 30.4471

Protanomaly

37.4731, 35.0916, 34.5041

Deuteranomaly

39.2547, 35.1784, 29.5321

Tritanomaly

45.5540, 35.5578, 30.8479

Monochromacy



Original Color

45.4779, 35.5273, 30.4471

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.7225, 35.4216, 36.3013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4779, 35.5273, 30.4471 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(228, 134, 143)` looks like.

```
.text, #text, p{  
    color:rgb(228, 134, 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(228, 134, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 134, 143) }
```

Border

The CSS property to change the border of an element to XYZ 45.4779, 35.5273, 30.4471 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(228, 134, 143) }
```


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

```
.border{ border-color:rgb(228, 134, 143) }
```

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

Here you see how a box with a 4 pixel rgb(228, 134, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 134, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 134, 143);  
box-shadow:4px 4px 4px 4px rgb(228, 134,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4779, 35.5273, 30.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 134, 143) }
```

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

```
.background{ background-color: rgb(228,  
134, 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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