

Converting Colors

$Y_{xy}(46.9708, 0.3785, 0.3274)$

Have a look what the booklet for
Yxy(46.9708, 0.3785, 0.3274)
contains.

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Color

Yxy(46.9663, 0.3788, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	EBA4A6
RGB	235, 164, 166
RGB Percent	92%, 64%, 65%
CMY	0.0784, 0.3569, 0.3489
CMYK	0.00, 0.30, 0.29, 0.08
HSL	358°, 64%, 78%
HSV	358°, 30%, 92%
XYZ	54.4229, 46.9663, 42.2826
YIQ	185.4570, 41.6740, 15.6740

Conversions

Conversions Part 2

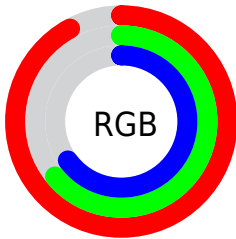
Format	Color
R _Y B	235, 164, 166
Decimal	15443110
CIE Lab	74.17, 26.54, 9.55
CIE LCh	74, 28.203, 19.789
Yxy	46.9663, 0.3788, 0.3269
Android (android.graphics.Color)	4293633190 (0xFFEBA4A6)
YUV	185.4570, -9.5923, 43.4492
Hunter-Lab	68.5320, 21.8202, 11.3918

Details

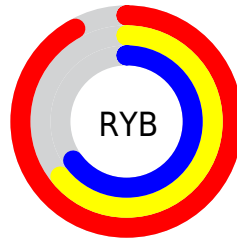
The Yxy color **46.9663, 0.3788, 0.3269** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.1968, 0.2703, 0.3312**, and the grayscale version is **48.8227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1435, 0.3376, 0.3271**, and **22.2682, 0.3984, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **38.5549, 0.4120, 0.3262**, and if you desaturate by 10%, it is **57.0850, 0.3519, 0.3276**.

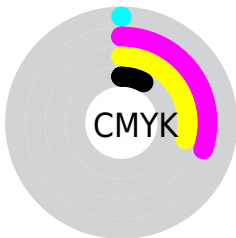
Distribution



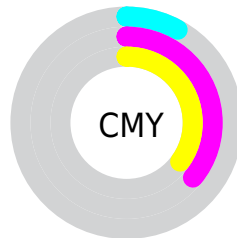
- Red (92%)
- Green (64%)
- Blue (65%)



- Red (92%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (29%)
- Black (8%)




- Cyan (8%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9663, 0.3788, 0.3269 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 Yxy color 46.9663, 0.3788, 0.3269 by changing the saturation by 10% instead.


 46.9663, 0.3788,
0.3269


 46.9663, 0.3788,
0.3269


374.6800, 0.3455,
0.3286

 33.0090, 0.3872,
0.3263


 85.6633, 0.3667,
0.3277

 22.1334, 0.3979,
0.3253


 111.1718, 0.3621,
0.3279

 13.9549, 0.4123,
0.3238


141.2996, 0.3583,
0.3281

 8.0893, 0.4323,
0.3214

176.4309, 0.3550,
0.3283

 4.1522, 0.4620,
0.3169

216.9502, 0.3521,
0.3284

 1.7590, 0.5103,
0.3075

263.2419, 0.3496,

 0.4614, 0.7065,

0.3285

0.2935

315.6904, 0.3474,
0.3286

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.9663, 0.3788,
0.3269

46.9663, 0.3788,
0.3269

38.5549, 0.4120,
0.3262

57.0850, 0.3519,
0.3276

31.7506, 0.4518,
0.3257

68.9907, 0.3303,
0.3283

26.4528, 0.4972,
0.3255

82.7662, 0.3130,
0.3290

22.5473, 0.5448,
0.3257

96.4037, 0.3005,
0.3290

■ 19.9033, 0.5885,
0.3265

■ 18.3651, 0.6209,
0.3278

■ 17.6783, 0.6378,
0.3287

Harmonies

Analogous

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



46.9663, 0.3473, 0.2971



46.9663, 0.3788, 0.3269



46.9663, 0.3913, 0.3589

Triad

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



46.9663, 0.3788, 0.3269



46.9663, 0.3141, 0.3921



46.9663, 0.2473, 0.2705

Complementary

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



46.9663, 0.3788, 0.3269



73.1968, 0.2703, 0.3312

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.



46.9663, 0.2400, 0.2915



46.9663, 0.3788, 0.3269



46.9663, 0.2769, 0.3639

Square

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



46.9663, 0.3788, 0.3269



46.9663, 0.3524, 0.3995



46.9663, 0.2503, 0.3256



46.9663, 0.2712, 0.2653

Rectangle

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



46.9663, 0.3788, 0.3269



46.9663, 0.3869, 0.3780



46.9663, 0.2503, 0.3256



46.9663, 0.2429, 0.2758

Sweetspot

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



46.9685, 0.3788, 0.3269



84.8676, 0.3280, 0.3284



49.8130, 0.3142, 0.2535



17.6791, 0.3308, 0.3283



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.9685, 0.3788, 0.3269



50.2717, 0.3977, 0.3265



60.3390, 0.3698, 0.3660



15.0610, 0.3289, 0.3284



9.8411, 0.6370, 0.3283



0.7752, 0.6287, 0.3237

Inverse Universe

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



46.9685, 0.3788, 0.3269



50.2717, 0.3977, 0.3265



56.0719, 0.2647, 0.2888



15.0610, 0.3289, 0.3284



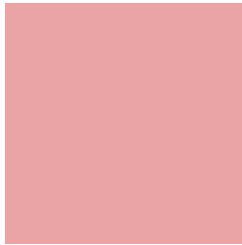
9.8411, 0.6370, 0.3283



0.7752, 0.6287, 0.3237

Previews

White Background



This preview shows how the Yxy color 46.9663, 0.3788, 0.3269 looks on a white background.

Color Contrast Check

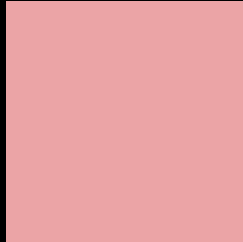
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.9663, 0.3788, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

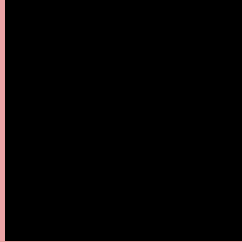
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9663, 0.3788, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 46.9663, 0.3788, 0.3269.



This preview shows how white text looks on a background with the Yxy color 46.9663, 0.3788, 0.3269.

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

46.9663, 0.3788, 0.3269

Protanopia

47.2819, 0.3227, 0.3368

Deuteranopia

46.9964, 0.3510, 0.3440



Tritanopia

47.1224, 0.3713, 0.3157

Trichromacy



Original Color

46.9663, 0.3788, 0.3269

Protanomaly

46.6176, 0.3423, 0.3328

Deuteranomaly

46.9734, 0.3605, 0.3376

Tritanomaly

47.0058, 0.3742, 0.3190

Monochromacy



Original Color

46.9663, 0.3788, 0.3269

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.3551, 0.3350, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9663, 0.3788, 0.3269 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(235, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(235, 164, 166)  
}
```

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(235, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 164, 166) }
```

Border

The CSS property to change the border of an element to Yxy 46.9663, 0.3788, 0.3269 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(235, 164, 166) }
```

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

```
.border{ border-color:rgb(235, 164, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 164, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(235, 164,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9663, 0.3788, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 164, 166) }
```

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

```
.background{ background-color: rgb(235,  
164, 166) }
```

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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