

Converting Colors

$Yxy(48.6563, 0.3686, 0.3157)$

Have a look what the booklet for
Yxy(48.6563, 0.3686, 0.3157)
contains.

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Color

Yxy(48.4913, 0.3685, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	EDA6B2
RGB	237, 166, 178
RGB Percent	93%, 65%, 70%
CMY	0.0705, 0.3490, 0.3019
CMYK	0.00, 0.30, 0.25, 0.07
HSL	350°, 66%, 79%
HSV	350°, 30%, 93%
XYZ	56.6013, 48.4913, 48.5067
YIQ	188.5970, 38.4640, 18.7840

Conversions

Conversions Part 2

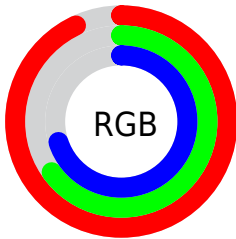
Format	Color
R _Y B	237, 166, 178
Decimal	15574706
CIE Lab	75.13, 27.84, 4.38
CIE LCh	75, 28.186, 8.937
Yxy	48.4913, 0.3685, 0.3157
Android (android.graphics.Color)	4293764786 (0xFFEDA6B2)
YUV	188.5970, -5.2243, 42.4494
Hunter-Lab	69.6357, 23.2261, 7.4449

Details

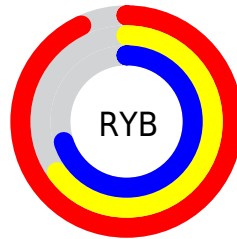
The Yxy color **48.4913, 0.3685, 0.3157** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.1171, 0.2758, 0.3430**, and the grayscale version is **50.6628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.4431, 0.3282, 0.3171**, and **22.9942, 0.3854, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **39.9212, 0.3963, 0.3112**, and if you desaturate by 10%, it is **58.7672, 0.3458, 0.3203**.

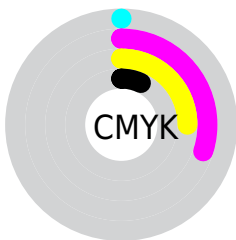
Distribution



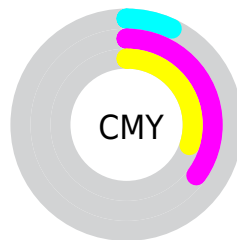
- Red (93%)
- Green (65%)
- Blue (70%)



- Red (93%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4913, 0.3685, 0.3157 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 48.4913, 0.3685, 0.3157 by changing the saturation by 10% instead.


 48.4913, 0.3685,
0.3157

 48.4913, 0.3685,
0.3157


380.7362, 0.3406,
0.3226

 34.2161, 0.3754,
0.3139


 87.9355, 0.3584,
0.3183

 23.0597, 0.3843,
0.3115

 113.8732, 0.3546,
0.3192

 14.6376, 0.3961,
0.3083


144.4673, 0.3514,
0.3200

 8.5654, 0.4125,
0.3037

180.1021, 0.3486,
0.3207

 4.4588, 0.4367,
0.2966

221.1620, 0.3462,
0.3213

 1.9334, 0.4758,
0.2843

268.0314, 0.3441,

 0.5683, 0.5922,

0.3218

0.2631

321.0947, 0.3423,
0.3222

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4913, 0.3685,
0.3157

48.4913, 0.3685,
0.3157

39.9212, 0.3963,
0.3112

58.7672, 0.3458,
0.3203

32.9579, 0.4298,
0.3072

70.8273, 0.3274,
0.3248

27.5028, 0.4686,
0.3044

84.7533, 0.3127,
0.3290

23.4436, 0.5110,
0.3036

96.7464, 0.3017,
0.3290

■ 20.6521, 0.5534,
0.3056

■ 18.9762, 0.5906,
0.3108

■ 18.1629, 0.6180,
0.3178

■ 18.1604, 0.6181,
0.3178

Harmonies

Analogous

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



48.4913, 0.3329, 0.2884



48.4913, 0.3685, 0.3157



48.4913, 0.3885, 0.3473

Triad

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



48.4913, 0.3685, 0.3157



48.4913, 0.3282, 0.3966



48.4913, 0.2434, 0.2769

Complementary

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



48.4913, 0.3685, 0.3157



74.1171, 0.2758, 0.3430

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.



48.4913, 0.2424, 0.3030



48.4913, 0.3685, 0.3157



48.4913, 0.2899, 0.3754

Square

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



48.4913, 0.3685, 0.3157



48.4913, 0.3639, 0.3960



48.4913, 0.2589, 0.3396



48.4913, 0.2614, 0.2660

Rectangle

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



48.4913, 0.3685, 0.3157



48.4913, 0.3897, 0.3676



48.4913, 0.2589, 0.3396



48.4913, 0.2411, 0.2840

Sweetspot

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



48.4936, 0.3685, 0.3157



85.0538, 0.3259, 0.3252



49.2330, 0.3054, 0.2520



17.7245, 0.3283, 0.3246



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.



48.4936, 0.3685, 0.3157



50.7697, 0.3851, 0.3129



56.9339, 0.3726, 0.3542



15.0957, 0.3266, 0.3250



9.9269, 0.6148, 0.3161



0.7917, 0.5793, 0.2965

Inverse Universe

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



48.4936, 0.3685, 0.3157



50.7697, 0.3851, 0.3129



62.5805, 0.2665, 0.3022



15.0957, 0.3266, 0.3250



9.9269, 0.6148, 0.3161



0.7917, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 48.4913, 0.3685, 0.3157 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 48.4913, 0.3685, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

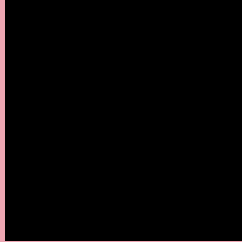
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4913, 0.3685, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 48.4913, 0.3685, 0.3157.



This preview shows how white text looks on a background with the Yxy color 48.4913, 0.3685, 0.3157.

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

48.4913, 0.3685, 0.3157

Protanopia

48.6032, 0.3130, 0.3239

Deuteranopia

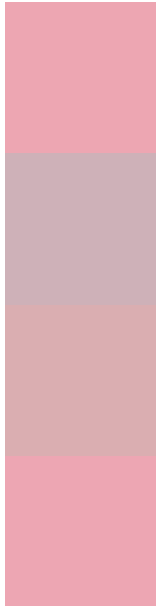
48.6402, 0.3399, 0.3328



Tritanopia

48.5316, 0.3676, 0.3146

Trichromacy



Original Color

48.4913, 0.3685, 0.3157

Protanomaly

48.0268, 0.3325, 0.3205

Deuteranomaly

48.3519, 0.3500, 0.3255

Tritanomaly

48.5316, 0.3676, 0.3146

Monochromacy



Original Color

48.4913, 0.3685, 0.3157

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6723, 0.3311, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4913, 0.3685, 0.3157 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(237, 166, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 166, 178)  
}
```

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(237, 166, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 166, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.4913, 0.3685, 0.3157 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(237, 166, 178) }
```

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

```
.border{ border-color:rgb(237, 166, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 166, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 166, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 166, 178);  
box-shadow:4px 4px 4px 4px rgb(237, 166,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4913, 0.3685, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 166, 178) }
```

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

```
.background{ background-color: rgb(237,  
166, 178) }
```

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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