

Converting Colors

Yxy(48.2446, 0.3544, 0.3161)

Have a look what the booklet for
Yxy(48.2446, 0.3544, 0.3161)
contains.

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Color

Yxy(48.2544, 0.3546, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	E2AAB5
RGB	226, 170, 181
RGB Percent	89%, 67%, 71%
CMY	0.1137, 0.3333, 0.2902
CMYK	0.00, 0.25, 0.20, 0.11
HSL	348°, 49%, 78%
HSV	348°, 25%, 89%
XYZ	54.0803, 48.2544, 50.1760
YIQ	187.9980, 29.8450, 15.2930

Conversions

Conversions Part 2

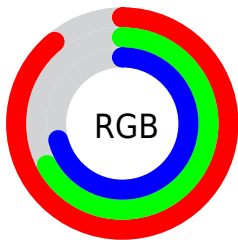
Format	Color
R _Y B	226, 170, 181
Decimal	14854837
CIE Lab	74.99, 22.14, 2.39
CIE LCh	75, 22.272, 6.159
Yxy	48.2544, 0.3546, 0.3164
Android (android.graphics.Color)	4293044917 (0xFFE2AAB5)
YUV	187.9980, -3.4500, 33.3278
Hunter-Lab	69.4654, 17.4017, 5.7996

Details

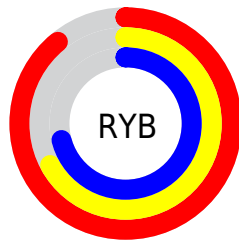
The Yxy color **48.2544, 0.3546, 0.3164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.8504, 0.2826, 0.3421**, and the grayscale version is **50.2968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7671, 0.3258, 0.3182**, and **22.8271, 0.3672, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **39.8010, 0.3787, 0.3110**, and if you desaturate by 10%, it is **58.2660, 0.3350, 0.3217**.

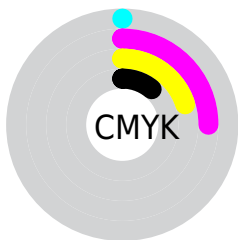
Distribution



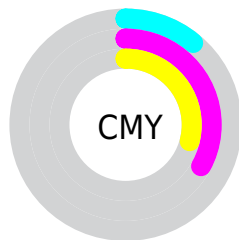
- Red (89%)
- Green (67%)
- Blue (71%)



- Red (89%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2544, 0.3546, 0.3164 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 48.2544, 0.3546, 0.3164 by changing the saturation by 10% instead.


 48.2544, 0.3546,
0.3164

 48.2544, 0.3546,
0.3164


379.7996, 0.3337,
0.3228

 34.0284, 0.3598,
0.3148


 87.5831, 0.3470,
0.3188

 22.9154, 0.3665,
0.3127


113.4545, 0.3442,
0.3196

 14.5311, 0.3753,
0.3098


143.9765, 0.3418,
0.3204

 8.4909, 0.3877,
0.3058


179.5336, 0.3397,
0.3210

 4.4107, 0.4060,
0.2997

220.5100, 0.3379,
0.3215

 1.9058, 0.4359,
0.2894

267.2902, 0.3363,

 0.5519, 0.5241,

0.3220

0.2665

320.2586, 0.3349,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2544, 0.3546,
0.3164

48.2544, 0.3546,
0.3164

39.8010, 0.3787,
0.3110

58.2660, 0.3350,
0.3217

32.8210, 0.4080,
0.3060

69.9019, 0.3192,
0.3267

27.2315, 0.4426,
0.3018

83.2324, 0.3064,
0.3314

22.9387, 0.4819,
0.2993

94.8237, 0.2959,
0.3303

■ 19.8372, 0.5237,
0.2995

■ 94.9100, 0.2952,
0.3289

■ 17.8049, 0.5638,
0.3031

■ 16.6929, 0.5972,
0.3100

■ 16.3545, 0.6111,
0.3140

Harmonies

Analogous

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



48.2544, 0.3260, 0.2947



48.2544, 0.3546, 0.3164



48.2544, 0.3718, 0.3419

Triad

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



48.2544, 0.3546, 0.3164



48.2544, 0.3283, 0.3826



48.2544, 0.2564, 0.2893

Complementary

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



48.2544, 0.3546, 0.3164



67.8504, 0.2826, 0.3421

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.



48.2544, 0.2571, 0.3114



48.2544, 0.3546, 0.3164



48.2544, 0.2976, 0.3674

Square

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



48.2544, 0.3546, 0.3164



48.2544, 0.3558, 0.3812



48.2544, 0.2718, 0.3404



48.2544, 0.2699, 0.2789

Rectangle

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



48.2544, 0.3546, 0.3164



48.2544, 0.3739, 0.3583



48.2544, 0.2718, 0.3404



48.2544, 0.2550, 0.2955

Sweetspot

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



48.2566, 0.3546, 0.3164



88.2454, 0.3225, 0.3256



48.6599, 0.3062, 0.2657



18.6823, 0.3234, 0.3253



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.



48.2566, 0.3546, 0.3164



57.1733, 0.3671, 0.3135



54.5302, 0.3601, 0.3485



13.7443, 0.3261, 0.3244



9.3429, 0.6077, 0.3121



0.6602, 0.5656, 0.2889

Inverse Universe

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



48.2566, 0.3546, 0.3164



57.1733, 0.3671, 0.3135



59.7400, 0.2746, 0.3086



13.7443, 0.3261, 0.3244



9.3429, 0.6077, 0.3121



0.6602, 0.5656, 0.2889

Previews

White Background



This preview shows how the Yxy color 48.2544, 0.3546, 0.3164 looks on a white background.

Color Contrast Check

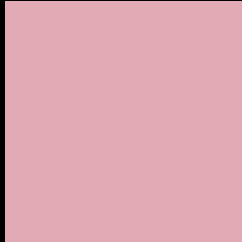
Large Text (above 18pt) WCAG AA × Fail

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 48.2544, 0.3546, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

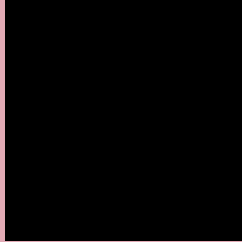
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2544, 0.3546, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 48.2544, 0.3546, 0.3164.



This preview shows how white text looks on a background with the Yxy color 48.2544, 0.3546, 0.3164.

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

48.2544, 0.3546, 0.3164

Protanopia

48.5199, 0.3113, 0.3226

Deuteranopia

48.4740, 0.3356, 0.3291



Tritanopia

48.3371, 0.3528, 0.3141

Trichromacy



Original Color

48.2544, 0.3546, 0.3164

Protanomaly

48.2029, 0.3262, 0.3204

Deuteranomaly

48.4921, 0.3424, 0.3243

Tritanomaly

48.2956, 0.3537, 0.3152

Monochromacy



Original Color

48.2544, 0.3546, 0.3164

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1071, 0.3276, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2544, 0.3546, 0.3164 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(226, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 181)  
}
```

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(226, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.2544, 0.3546, 0.3164 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(226, 170, 181) }
```

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

```
.border{ border-color:rgb(226, 170, 181) }
```

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

Here you see how a box with a 4 pixel rgb(226, 170, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2544, 0.3546, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 170, 181) }
```

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

```
.background{ background-color: rgb(226,  
170, 181) }
```

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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