

Converting Colors

$Yxy(48.3481, 0.3521, 0.3133)$

Have a look what the booklet for
Yxy(48.3481, 0.3521, 0.3133)
contains.

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Color

Yxy(48.3789, 0.3518, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	E2AAB8
RGB	226, 170, 184
RGB Percent	89%, 67%, 72%
CMY	0.1139, 0.3332, 0.2785
CMYK	0.00, 0.25, 0.19, 0.11
HSL	345°, 49%, 78%
HSV	345°, 25%, 89%
XYZ	54.3760, 48.3789, 51.8102
YIQ	188.3400, 28.8820, 16.2260

Conversions

Conversions Part 2

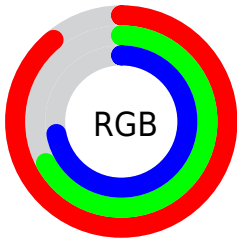
Format	Color
R _Y B	226, 170, 184
Decimal	14854840
CIE Lab	75.06, 22.56, 0.87
CIE LCh	75, 22.577, 2.196
Yxy	48.3789, 0.3518, 0.3130
Android (android.graphics.Color)	4293044920 (0xFFE2AAB8)
YUV	188.3400, -2.1396, 33.0278
Hunter-Lab	69.5549, 17.8250, 4.5244

Details

The Yxy color **48.3789, 0.3518, 0.3130** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.6652, 0.2843, 0.3457**, and the grayscale version is **50.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9440, 0.3238, 0.3153**, and **22.9073, 0.3633, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **39.9545, 0.3742, 0.3062**, and if you desaturate by 10%, it is **58.3488, 0.3335, 0.3197**.

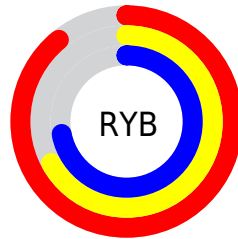
Distribution



Red (89%)

Green (67%)

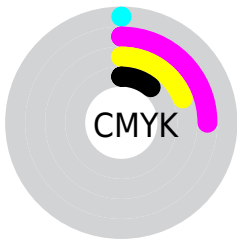
Blue (72%)



Red (89%)

Yellow (67%)

Blue (72%)

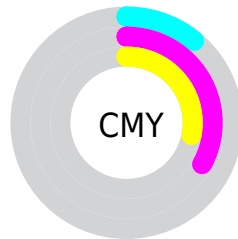


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3789, 0.3518, 0.3130 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 48.3789, 0.3518, 0.3130 by changing the saturation by 10% instead.


 48.3789, 0.3518,
0.3130

 48.3789, 0.3518,
0.3130


380.2920, 0.3323,
0.3210

 34.1270, 0.3566,
0.3110


 87.7683, 0.3448,
0.3159

 22.9912, 0.3628,
0.3084


113.6746, 0.3421,
0.3170

 14.5870, 0.3710,
0.3050


144.2345, 0.3399,
0.3179

 8.5301, 0.3824,
0.3002

179.8324, 0.3379,
0.3187

 4.4360, 0.3993,
0.2931

220.8528, 0.3363,
0.3194

 1.9203, 0.4268,
0.2814

267.6799, 0.3348,

 0.5605, 0.4993,

0.3200

0.2527

320.6982, 0.3335,
0.3205

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.3789, 0.3518,
0.3130

48.3789, 0.3518,
0.3130

39.9545, 0.3742,
0.3062

58.3488, 0.3335,
0.3197

32.9915, 0.4012,
0.2997

69.9296, 0.3187,
0.3261

27.4081, 0.4332,
0.2942

83.1908, 0.3067,
0.3321

23.1112, 0.4697,
0.2906

94.6960, 0.2969,
0.3322

■ 19.9967, 0.5088,
0.2901

■ 94.8998, 0.2952,
0.3289

■ 17.9436, 0.5473,
0.2935

■ 16.8046, 0.5811,
0.3010

■ 16.4491, 0.5962,
0.3058

Harmonies

Analogous

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



48.3789, 0.3220, 0.2919



48.3789, 0.3518, 0.3130



48.3789, 0.3711, 0.3386

Triad

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



48.3789, 0.3518, 0.3130



48.3789, 0.3325, 0.3841



48.3789, 0.2550, 0.2911

Complementary

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



48.3789, 0.3518, 0.3130



67.6652, 0.2843, 0.3457

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.



48.3789, 0.2576, 0.3148



48.3789, 0.3518, 0.3130



48.3789, 0.3013, 0.3708

Square

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



48.3789, 0.3518, 0.3130



48.3789, 0.3593, 0.3805



48.3789, 0.2742, 0.3445



48.3789, 0.2668, 0.2789

Rectangle

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



48.3789, 0.3518, 0.3130



48.3789, 0.3749, 0.3555



48.3789, 0.2742, 0.3445



48.3789, 0.2542, 0.2979

Sweetspot

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



48.3811, 0.3518, 0.3130



88.3023, 0.3219, 0.3247



48.2413, 0.3039, 0.2654



18.6954, 0.3227, 0.3243



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.



48.3811, 0.3518, 0.3130



57.3585, 0.3634, 0.3093



53.3483, 0.3608, 0.3453



13.7564, 0.3253, 0.3232



9.4054, 0.5923, 0.3037



0.6661, 0.5484, 0.2795

Inverse Universe

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



48.3811, 0.3518, 0.3130



57.3585, 0.3634, 0.3093



61.1077, 0.2749, 0.3121



13.7564, 0.3253, 0.3232



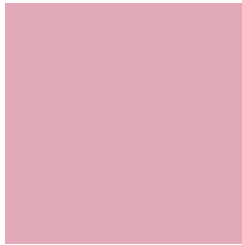
9.4054, 0.5923, 0.3037



0.6661, 0.5484, 0.2795

Previews

White Background



This preview shows how the Yxy color 48.3789, 0.3518, 0.3130 looks on a white background.

Color Contrast Check

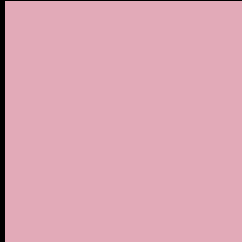
Large Text (above 18pt) WCAG AA × Fail

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 48.3789, 0.3518, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

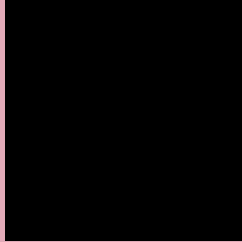
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3789, 0.3518, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 48.3789, 0.3518, 0.3130.



This preview shows how white text looks on a background with the Yxy color 48.3789, 0.3518, 0.3130.

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

48.3789, 0.3518, 0.3130

Protanopia

48.5259, 0.3082, 0.3188

Deuteranopia

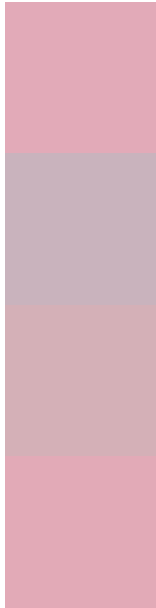
48.4550, 0.3322, 0.3254



Tritanopia

48.3371, 0.3528, 0.3141

Trichromacy



Original Color

48.3789, 0.3518, 0.3130

Protanomaly

48.3318, 0.3237, 0.3167

Deuteranomaly

48.4666, 0.3389, 0.3207

Tritanomaly

48.3371, 0.3528, 0.3141

Monochromacy



Original Color

48.3789, 0.3518, 0.3130

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1922, 0.3260, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3789, 0.3518, 0.3130 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(226, 170, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 170, 184) }
```

Border

The CSS property to change the border of an element to Yxy 48.3789, 0.3518, 0.3130 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, 184) }
```

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

```
.border{ border-color:rgb(226, 170, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(226, 170,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3789, 0.3518, 0.3130 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, 184) }
```

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

```
.background{ background-color: rgb(226,  
170, 184) }
```

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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