

Converting Colors

Yxy(50.4829, 0.3648, 0.3190)

Have a look what the booklet for
Yxy(50.4829, 0.3648, 0.3190)
contains.

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Color

Yxy(50.4256, 0.3653, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	EDABB4
RGB	237, 171, 180
RGB Percent	93%, 67%, 71%
CMY	0.0706, 0.3294, 0.2941
CMYK	0.00, 0.28, 0.24, 0.07
HSL	352°, 65%, 80%
HSV	352°, 28%, 93%
XYZ	57.7263, 50.4256, 49.8725
YIQ	191.7600, 36.4470, 16.7910

Conversions

Conversions Part 2

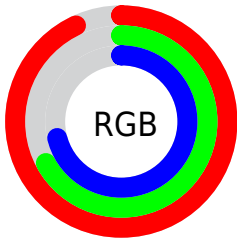
Format	Color
R _Y B	237, 171, 180
Decimal	15575988
CIE Lab	76.33, 25.46, 5.02
CIE LCh	76, 25.947, 11.156
Yxy	50.4256, 0.3653, 0.3191
Android (android.graphics.Color)	4293766068 (0xFFEDABB4)
YUV	191.7600, -5.7977, 39.6755
Hunter-Lab	71.0110, 20.8372, 8.0671

Details

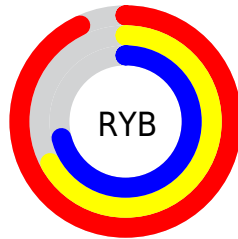
The Yxy color **50.4256, 0.3653, 0.3191** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.8284, 0.2770, 0.3393**, and the grayscale version is **52.5850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2543, 0.3264, 0.3202**, and **24.1925, 0.3806, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **41.4890, 0.3932, 0.3154**, and if you desaturate by 10%, it is **61.0952, 0.3427, 0.3228**.

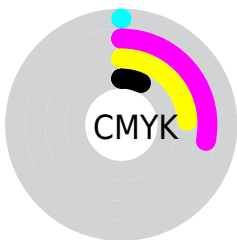
Distribution



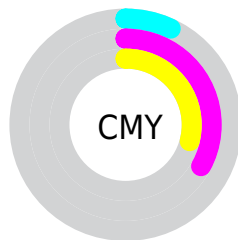
- Red (93%)
- Green (67%)
- Blue (71%)



- Red (93%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (7%)




- Cyan (7%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4256, 0.3653, 0.3191 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 50.4256, 0.3653, 0.3191 by changing the saturation by 10% instead.

 50.4256, 0.3653,
0.3191

 50.4256, 0.3653,
0.3191


388.3280, 0.3392,
0.3243

 35.7517, 0.3718,
0.3177


 90.8051, 0.3559,
0.3211

 24.2425, 0.3800,
0.3159


117.2796, 0.3523,
0.3218

 15.5136, 0.3909,
0.3134


148.4563, 0.3493,
0.3224

 9.1806, 0.4059,
0.3099

184.7197, 0.3467,
0.3229

 4.8592, 0.4280,
0.3044

226.4541, 0.3445,
0.3233

 2.1649, 0.4634,
0.2948

274.0441, 0.3425,

 0.7007, 0.5519,

0.3237

0.2822

327.8739, 0.3407,
0.3240

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4256, 0.3653,
0.3191

50.4256, 0.3653,
0.3191

41.4890, 0.3932,
0.3154

61.0952, 0.3427,
0.3228

34.1873, 0.4268,
0.3121

73.5753, 0.3245,
0.3264

28.4231, 0.4662,
0.3098

87.9471, 0.3098,
0.3297

24.0861, 0.5097,
0.3089

96.7445, 0.3017,
0.3290

■ 21.0511, 0.5535,
0.3104

■ 19.1711, 0.5922,
0.3144

■ 18.2472, 0.6201,
0.3204

■ 18.1105, 0.6247,
0.3215

Harmonies

Analogous

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



50.4256, 0.3338, 0.2935



50.4256, 0.3653, 0.3191



50.4256, 0.3821, 0.3482

Triad

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



50.4256, 0.3653, 0.3191



50.4256, 0.3244, 0.3893



50.4256, 0.2500, 0.2804

Complementary

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



50.4256, 0.3653, 0.3191



74.8284, 0.2770, 0.3393

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.



50.4256, 0.2480, 0.3035



50.4256, 0.3653, 0.3191



50.4256, 0.2896, 0.3689

Square

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



50.4256, 0.3653, 0.3191



50.4256, 0.3573, 0.3905



50.4256, 0.2620, 0.3362



50.4256, 0.2677, 0.2713

Rectangle

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



50.4256, 0.3653, 0.3191



50.4256, 0.3822, 0.3665



50.4256, 0.2620, 0.3362



50.4256, 0.2475, 0.2867

Sweetspot

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



50.4280, 0.3653, 0.3191



86.5846, 0.3248, 0.3263



51.5897, 0.3078, 0.2580



18.0274, 0.3273, 0.3258



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.



50.4280, 0.3653, 0.3191



53.7200, 0.3793, 0.3171



59.5747, 0.3667, 0.3547



15.0875, 0.3271, 0.3258



9.8987, 0.6219, 0.3200



0.7879, 0.5899, 0.3023

Inverse Universe

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



50.4280, 0.3653, 0.3191



53.7200, 0.3793, 0.3171



62.8165, 0.2695, 0.3017



15.0875, 0.3271, 0.3258



9.8987, 0.6219, 0.3200



0.7879, 0.5899, 0.3023

Previews

White Background



This preview shows how the Yxy color 50.4256, 0.3653, 0.3191 looks on a white background.

Color Contrast Check

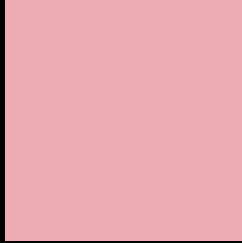
Large Text (above 18pt) WCAG AA × Fail

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 50.4256, 0.3653, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

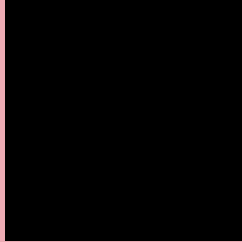
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4256, 0.3653, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 50.4256, 0.3653, 0.3191.



This preview shows how white text looks on a background with the Yxy color 50.4256, 0.3653, 0.3191.

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

50.4256, 0.3653, 0.3191

Protanopia

50.8470, 0.3153, 0.3278

Deuteranopia

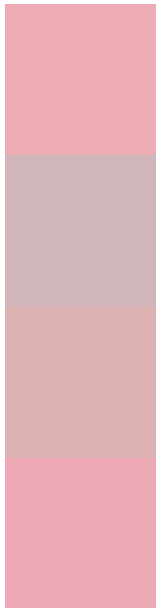
50.5191, 0.3412, 0.3339



Tritanopia

50.1729, 0.3628, 0.3147

Trichromacy



Original Color

50.4256, 0.3653, 0.3191

Protanomaly

50.4110, 0.3319, 0.3242

Deuteranomaly

50.3111, 0.3492, 0.3279

Tritanomaly

50.1314, 0.3637, 0.3158

Monochromacy



Original Color

50.4256, 0.3653, 0.3191

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.3217, 0.3300, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4256, 0.3653, 0.3191 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, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 180)  
}
```

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, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.4256, 0.3653, 0.3191 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, 171, 180) }
```

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

```
.border{ border-color:rgb(237, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4256, 0.3653, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 180) }
```

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

```
.background{ background-color: rgb(237,  
171, 180) }
```

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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