

Converting Colors

Yxy(51.5377, 0.3467, 0.3165)

Have a look what the booklet for
Yxy(51.5377, 0.3467, 0.3165)
contains.

Yxy(51.6837, 0.3458, 0.3165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.6837, 0.3458, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E2B2BD
RGB	226, 178, 189
RGB Percent	89%, 70%, 74%
CMY	0.1138, 0.3019, 0.2588
CMYK	0.00, 0.21, 0.16, 0.11
HSL	346°, 45%, 79%
HSV	346°, 21%, 89%
XYZ	56.4683, 51.6837, 55.1456
YIQ	193.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

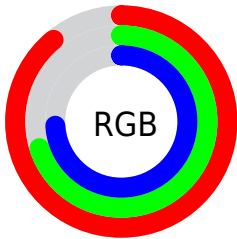
Format	Color
R _Y B	226, 178, 189
Decimal	14856893
CIE Lab	77.09, 19.08, 1.08
CIE LCh	77, 19.107, 3.243
Yxy	51.6837, 0.3458, 0.3165
Android (android.graphics.Color)	4293046973 (0xFFE2B2BD)
YUV	193.6060, -2.2708, 28.4095
Hunter-Lab	71.8914, 14.3960, 4.8445

Details

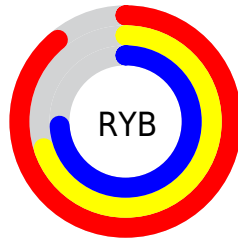
The Yxy color **51.6837, 0.3458, 0.3165** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7612, 0.2875, 0.3419**, and the grayscale version is **53.7076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6982, 0.3199, 0.3183**, and **24.9909, 0.3546, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **42.7093, 0.3672, 0.3102**, and if you desaturate by 10%, it is **62.2351, 0.3284, 0.3226**.

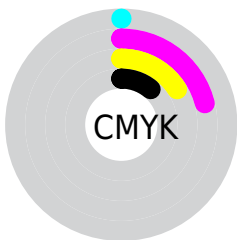
Distribution



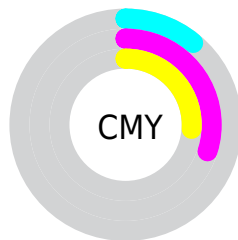
- Red (89%)
- Green (70%)
- Blue (74%)



- Red (89%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (11%)




- Cyan (11%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6837, 0.3458, 0.3165 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 51.6837, 0.3458, 0.3165 by changing the saturation by 10% instead.


 51.6837, 0.3458,
0.3165

 51.6837, 0.3458,
0.3165


393.2143, 0.3295,
0.3227

 36.7530, 0.3498,
0.3150

 92.6646, 0.3399,
0.3187

 25.0163, 0.3549,
0.3130


119.4836, 0.3377,
0.3196

 16.0892, 0.3616,
0.3104


151.0342, 0.3358,
0.3203

 9.5873, 0.3708,
0.3068

187.7007, 0.3342,
0.3209

 5.1262, 0.3843,
0.3015

229.8676, 0.3328,
0.3215

 2.3215, 0.4058,
0.2930

277.9192, 0.3316,

 0.7851, 0.4478,

0.3219

0.2771

332.2400, 0.3305,
0.3223

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6837, 0.3458,
0.3165

51.6837, 0.3458,
0.3165

42.7093, 0.3672,
0.3102

62.2351, 0.3284,
0.3226

35.2292, 0.3934,
0.3041

74.4271, 0.3143,
0.3283

29.1637, 0.4246,
0.2987

88.3282, 0.3028,
0.3336

24.4231, 0.4607,
0.2948

94.9077, 0.2952,
0.3289

■ 20.9070, 0.5003,
0.2934

■ 18.5007, 0.5403,
0.2955

■ 17.0674, 0.5765,
0.3016

■ 16.4137, 0.6022,
0.3091

Harmonies

Analogous

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



51.6837, 0.3214, 0.2985



51.6837, 0.3458, 0.3165



51.6837, 0.3613, 0.3381

Triad

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



51.6837, 0.3458, 0.3165



51.6837, 0.3285, 0.3741



51.6837, 0.2647, 0.2972

Complementary

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



51.6837, 0.3458, 0.3165



68.7612, 0.2875, 0.3419

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.



51.6837, 0.2665, 0.3167



51.6837, 0.3458, 0.3165



51.6837, 0.3026, 0.3627

Square

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



51.6837, 0.3458, 0.3165



51.6837, 0.3508, 0.3721



51.6837, 0.2801, 0.3410



51.6837, 0.2751, 0.2871

Rectangle

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



51.6837, 0.3458, 0.3165



51.6837, 0.3641, 0.3521



51.6837, 0.2801, 0.3410



51.6837, 0.2639, 0.3028

Sweetspot

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



51.6860, 0.3458, 0.3165



89.8872, 0.3207, 0.3256



51.7510, 0.3060, 0.2749



19.0144, 0.3216, 0.3252



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.



51.6860, 0.3458, 0.3165



63.0801, 0.3537, 0.3140



56.5586, 0.3524, 0.3438



13.7517, 0.3256, 0.3236



9.3797, 0.5985, 0.3071



0.6638, 0.5551, 0.2831

Inverse Universe

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



51.6860, 0.3458, 0.3165



63.0801, 0.3537, 0.3140



62.6444, 0.2801, 0.3137



13.7517, 0.3256, 0.3236



9.3797, 0.5985, 0.3071



0.6638, 0.5551, 0.2831

Previews

White Background



This preview shows how the Yxy color 51.6837, 0.3458, 0.3165 looks on a white background.

Color Contrast Check

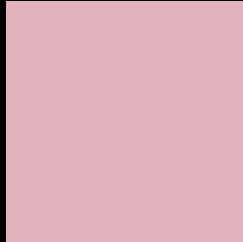
Large Text (above 18pt) WCAG AA × Fail

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 51.6837, 0.3458, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

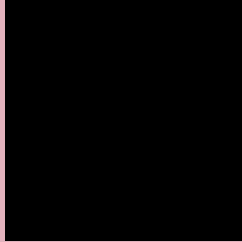
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6837, 0.3458, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 51.6837, 0.3458, 0.3165.



This preview shows how white text looks on a background with the Yxy color 51.6837, 0.3458, 0.3165.

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

51.6837, 0.3458, 0.3165

Protanopia

52.0189, 0.3098, 0.3216

Deuteranopia

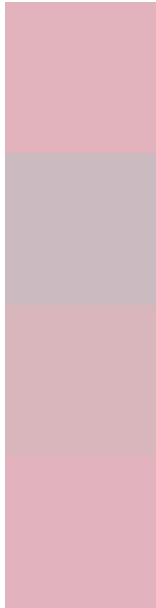
51.6135, 0.3317, 0.3243



Tritanopia

51.7711, 0.3441, 0.3142

Trichromacy



Original Color

51.6837, 0.3458, 0.3165

Protanomaly

51.8054, 0.3223, 0.3206

Deuteranomaly

51.6857, 0.3372, 0.3220

Tritanomaly

51.7272, 0.3449, 0.3154

Monochromacy



Original Color

51.6837, 0.3458, 0.3165

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8940, 0.3246, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6837, 0.3458, 0.3165 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, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 178, 189)  
}
```

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, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 178, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.6837, 0.3458, 0.3165 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, 178, 189) }
```

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

```
.border{ border-color:rgb(226, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(226, 178,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6837, 0.3458, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 178, 189) }
```

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

```
.background{ background-color: rgb(226,  
178, 189) }
```

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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