

Converting Colors

Yxy(52.6598, 0.3443, 0.3111)

Have a look what the booklet for
Yxy(52.6598, 0.3443, 0.3111)
contains.

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Color

Yxy(52.5588, 0.3450, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	E6B2C2
RGB	230, 178, 194
RGB Percent	90%, 70%, 76%
CMY	0.0981, 0.3019, 0.2393
CMYK	0.00, 0.23, 0.16, 0.10
HSL	342°, 51%, 80%
HSV	342°, 23%, 90%
XYZ	58.2860, 52.5588, 58.1002
YIQ	195.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

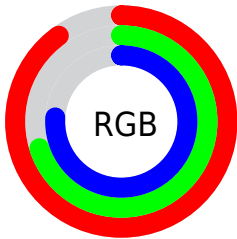
Format	Color
R _Y B	230, 178, 194
Decimal	15119042
CIE Lab	77.61, 21.29, -0.82
CIE LCh	78, 21.302, 357.804
Yxy	52.5588, 0.3450, 0.3111
Android (android.graphics.Color)	4293309122 (0xFFE6B2C2)
YUV	195.3720, -0.6764, 30.3688
Hunter-Lab	72.4974, 16.6388, 3.2326

Details

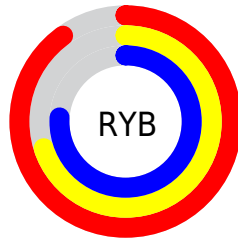
The Yxy color **52.5588, 0.3450, 0.3111** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9089, 0.2883, 0.3477**, and the grayscale version is **54.7995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0078, 0.3168, 0.3135**, and **25.5594, 0.3545, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **43.4847, 0.3647, 0.3027**, and if you desaturate by 10%, it is **63.2486, 0.3289, 0.3193**.

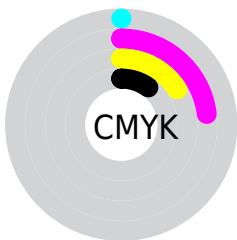
Distribution



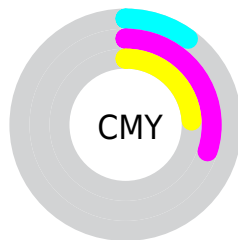
- Red (90%)
- Green (70%)
- Blue (76%)



- Red (90%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (10%)




- Cyan (10%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5588, 0.3450, 0.3111 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 52.5588, 0.3450, 0.3111 by changing the saturation by 10% instead.


 52.5588, 0.3450,
0.3111

 52.5588, 0.3450,
0.3111

396.5901, 0.3292,
0.3198

 37.4507, 0.3488,
0.3090


 93.9548, 0.3393,
0.3142

 25.5566, 0.3537,
0.3063


121.0115, 0.3372,
0.3154

 16.4922, 0.3601,
0.3028


152.8199, 0.3354,
0.3164

 9.8731, 0.3689,
0.2980

189.7643, 0.3338,
0.3173

 5.3149, 0.3816,
0.2910

232.2291, 0.3324,
0.3181

 2.4332, 0.4017,
0.2802

280.5987, 0.3312,

 0.8429, 0.4381,

0.3187

0.2605

335.2576, 0.3301,
0.3193

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5588, 0.3450,
0.3111

52.5588, 0.3450,
0.3111

43.4847, 0.3647,
0.3027

63.2486, 0.3289,
0.3193

35.9405, 0.3885,
0.2945

75.6205, 0.3157,
0.3271

29.8429, 0.4168,
0.2872

89.7457, 0.3050,
0.3343

25.0978, 0.4493,
0.2819

95.5608, 0.2976,
0.3290

■ 21.6002, 0.4848,
0.2795

■ 19.2290, 0.5212,
0.2814

■ 17.8385, 0.5551,
0.2881

■ 17.2714, 0.5772,
0.2953

Harmonies

Analogous

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



52.5588, 0.3170, 0.2925



52.5588, 0.3450, 0.3111



52.5588, 0.3646, 0.3345

Triad

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



52.5588, 0.3450, 0.3111



52.5588, 0.3351, 0.3799



52.5588, 0.2590, 0.2969

Complementary

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



52.5588, 0.3450, 0.3111



70.9089, 0.2883, 0.3477

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.



52.5588, 0.2634, 0.3199



52.5588, 0.3450, 0.3111



52.5588, 0.3065, 0.3699

Square

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



52.5588, 0.3450, 0.3111



52.5588, 0.3583, 0.3747



52.5588, 0.2805, 0.3472



52.5588, 0.2681, 0.2838

Rectangle

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



52.5588, 0.3450, 0.3111



52.5588, 0.3696, 0.3503



52.5588, 0.2805, 0.3472



52.5588, 0.2590, 0.3036

Sweetspot

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



52.5612, 0.3450, 0.3111



88.3643, 0.3212, 0.3237



51.7839, 0.3020, 0.2706



18.7097, 0.3220, 0.3232



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.



52.5612, 0.3450, 0.3111



60.9609, 0.3535, 0.3073



55.8067, 0.3567, 0.3399



14.4405, 0.3244, 0.3218



9.7986, 0.5731, 0.2931



0.7402, 0.5315, 0.2702

Inverse Universe

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



52.5612, 0.3450, 0.3111



60.9609, 0.3535, 0.3073



66.6064, 0.2784, 0.3178



14.4405, 0.3244, 0.3218



9.7986, 0.5731, 0.2931



0.7402, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 52.5588, 0.3450, 0.3111 looks on a white background.

Color Contrast Check

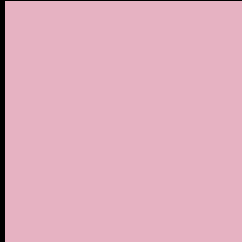
Large Text (above 18pt) WCAG AA × Fail

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 52.5588, 0.3450, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

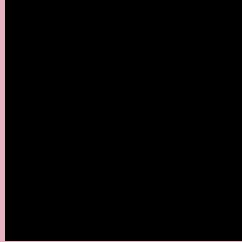
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.5588, 0.3450, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 52.5588, 0.3450, 0.3111.



This preview shows how white text looks on a background with the Yxy color 52.5588, 0.3450, 0.3111.

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

52.5588, 0.3450, 0.3111

Protanopia

52.8633, 0.3061, 0.3156

Deuteranopia

52.6252, 0.3282, 0.3219



Tritanopia

52.4696, 0.3467, 0.3133

Trichromacy



Original Color

52.5588, 0.3450, 0.3111

Protanomaly

52.3631, 0.3193, 0.3135

Deuteranomaly

52.4689, 0.3338, 0.3174

Tritanomaly

52.5140, 0.3459, 0.3122

Monochromacy



Original Color

52.5588, 0.3450, 0.3111

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7452, 0.3238, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5588, 0.3450, 0.3111 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(230, 178, 194)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 194)  
}
```

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(230, 178, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 194) }
```

Border

The CSS property to change the border of an element to Yxy 52.5588, 0.3450, 0.3111 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(230, 178, 194) }
```

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

```
.border{ border-color:rgb(230, 178, 194) }
```

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

Here you see how a box with a 4 pixel rgb(230, 178, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 194);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5588, 0.3450, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 194) }
```

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

```
.background{ background-color: rgb(230,  
178, 194) }
```

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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