

Converting Colors

Yxy(53.6618, 0.3452, 0.3166)

Have a look what the booklet for
Yxy(53.6618, 0.3452, 0.3166)
contains.

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Color

Yxy(53.5115, 0.3453, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	E5B5C0
RGB	229, 181, 192
RGB Percent	90%, 71%, 75%
CMY	0.1021, 0.2901, 0.2471
CMYK	0.00, 0.21, 0.16, 0.10
HSL	346°, 48%, 80%
HSV	346°, 21%, 90%
XYZ	58.3439, 53.5115, 57.1105
YIQ	196.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

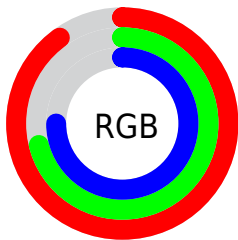
Format	Color
R _Y B	229, 181, 192
Decimal	15054272
CIE Lab	78.18, 19.00, 1.08
CIE LCh	78, 19.034, 3.251
Yxy	53.5115, 0.3453, 0.3167
Android (android.graphics.Color)	4293244352 (0xFFE5B5C0)
YUV	196.6060, -2.2708, 28.4095
Hunter-Lab	73.1516, 14.3521, 4.9175

Details

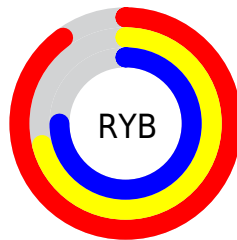
The Yxy color **53.5115, 0.3453, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.9146, 0.2878, 0.3417**, and the grayscale version is **55.5874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6057, 0.3179, 0.3184**, and **26.1867, 0.3537, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **44.2171, 0.3667, 0.3104**, and if you desaturate by 10%, it is **64.4350, 0.3279, 0.3228**.

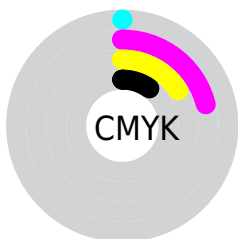
Distribution



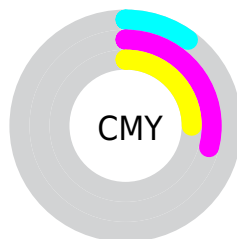
- Red (90%)
- Green (71%)
- Blue (75%)



- Red (90%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5115, 0.3453, 0.3167 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 53.5115, 0.3453, 0.3167 by changing the saturation by 10% instead.

 53.5115, 0.3453,
0.3167

 53.5115, 0.3453,
0.3167


400.2445, 0.3294,
0.3228

 38.2113, 0.3492,
0.3152


 95.3566, 0.3396,
0.3189

 26.1467, 0.3541,
0.3133


122.6703, 0.3374,
0.3197

 16.9334, 0.3606,
0.3108

154.7572, 0.3356,
0.3204

 10.1870, 0.3694,
0.3074

192.0018, 0.3340,
0.3210

 5.5231, 0.3823,
0.3023

234.7884, 0.3326,
0.3215

 2.5574, 0.4025,
0.2943

283.5014, 0.3314,

 0.9053, 0.4393,

0.3220

0.2796

338.5253, 0.3303,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5115, 0.3453,
0.3167

53.5115, 0.3453,
0.3167

44.2171, 0.3667,
0.3104

64.4350, 0.3279,
0.3228

36.4666, 0.3927,
0.3043

77.0531, 0.3139,
0.3285

30.1780, 0.4239,
0.2989

91.4365, 0.3025,
0.3338

25.2587, 0.4599,
0.2950

95.3943, 0.2970,
0.3290

■ 21.6054, 0.4995,
0.2935

■ 19.1001, 0.5396,
0.2956

■ 17.6023, 0.5760,
0.3015

■ 16.9053, 0.6026,
0.3093

Harmonies

Analogous

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



53.5115, 0.3213, 0.2989



53.5115, 0.3453, 0.3167



53.5115, 0.3605, 0.3380

Triad

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



53.5115, 0.3453, 0.3167



53.5115, 0.3282, 0.3734



53.5115, 0.2654, 0.2977

Complementary

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



53.5115, 0.3453, 0.3167



70.9146, 0.2878, 0.3417

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.



53.5115, 0.2671, 0.3169



53.5115, 0.3453, 0.3167



53.5115, 0.3027, 0.3621

Square

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



53.5115, 0.3453, 0.3167



53.5115, 0.3502, 0.3714



53.5115, 0.2806, 0.3409



53.5115, 0.2756, 0.2877

Rectangle

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



53.5115, 0.3453, 0.3167



53.5115, 0.3633, 0.3518



53.5115, 0.2806, 0.3409



53.5115, 0.2646, 0.3032

Sweetspot

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



53.5139, 0.3453, 0.3167



89.8867, 0.3207, 0.3256



53.5832, 0.3061, 0.2756



19.0143, 0.3216, 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.



53.5139, 0.3453, 0.3167



63.0783, 0.3537, 0.3141



58.4887, 0.3518, 0.3436



14.4217, 0.3257, 0.3236



9.6829, 0.5989, 0.3073



0.7295, 0.5581, 0.2848

Inverse Universe

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



53.5139, 0.3453, 0.3167



63.0783, 0.3537, 0.3141



64.6898, 0.2805, 0.3140



14.4217, 0.3257, 0.3236



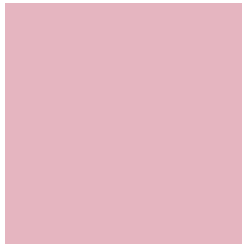
9.6829, 0.5989, 0.3073



0.7295, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 53.5115, 0.3453, 0.3167 looks on a white background.

Color Contrast Check

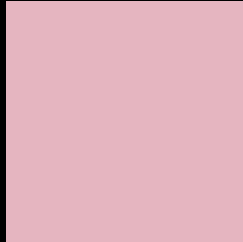
Large Text (above 18pt) WCAG AA × Fail

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 53.5115, 0.3453, 0.3167 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 53.5115, 0.3453, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 53.5115, 0.3453, 0.3167.



This preview shows how white text looks on a background with the Yxy color 53.5115, 0.3453, 0.3167.

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

53.5115, 0.3453, 0.3167

Protanopia

53.9992, 0.3107, 0.3217

Deuteranopia

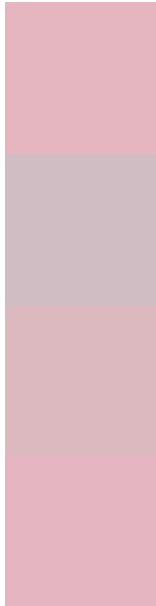
53.4484, 0.3314, 0.3243



Tritanopia

53.6459, 0.3428, 0.3133

Trichromacy



Original Color

53.5115, 0.3453, 0.3167

Protanomaly

53.7906, 0.3230, 0.3207

Deuteranomaly

53.5196, 0.3368, 0.3221

Tritanomaly

53.6008, 0.3436, 0.3144

Monochromacy



Original Color

53.5115, 0.3453, 0.3167

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7570, 0.3244, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5115, 0.3453, 0.3167 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(229, 181, 192)` looks like.

```
.text, #text, p{  
    color:rgb(229, 181, 192)  
}
```

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(229, 181, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 181, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.5115, 0.3453, 0.3167 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(229, 181, 192) }
```

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

```
.border{ border-color:rgb(229, 181, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 181, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 181, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 181, 192); box-shadow:4px 4px 4px 4px rgb(229, 181, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5115, 0.3453, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 181, 192) }
```

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

```
.background{ background-color: rgb(229,  
181, 192) }
```

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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