

Converting Colors

$Y_{xy}(53.0015, 0.3496, 0.3102)$

Have a look what the booklet for
Yxy(53.0015, 0.3496, 0.3102)
contains.

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Color

Yxy(53.0015, 0.3496, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	EBB1C2
RGB	235, 177, 194
RGB Percent	92%, 69%, 76%
CMY	0.0782, 0.3059, 0.2392
CMYK	0.00, 0.25, 0.17, 0.08
HSL	342°, 59%, 81%
HSV	342°, 25%, 92%
XYZ	59.7335, 53.0015, 58.1274
YIQ	196.2800, 29.1110, 17.5830

Conversions

Conversions Part 2

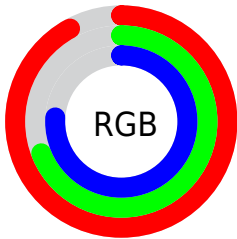
Format	Color
R _Y B	235, 177, 194
Decimal	15446466
CIE Lab	77.88, 23.64, -0.39
CIE LCh	78, 23.648, 359.056
Yxy	53.0015, 0.3496, 0.3102
Android (android.graphics.Color)	4293636546 (0xFFEBB1C2)
YUV	196.2800, -1.1240, 33.9574
Hunter-Lab	72.8021, 19.0539, 3.6226

Details

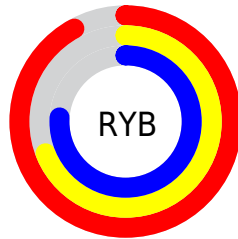
The Yxy color **53.0015, 0.3496, 0.3102** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8529, 0.2857, 0.3487**, and the grayscale version is **55.3756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4400, 0.3168, 0.3125**, and **25.7737, 0.3596, 0.3059** is the 20% darker color. If you saturate the color by 10%, you get **43.8003, 0.3706, 0.3022**, and if you desaturate by 10%, it is **63.8900, 0.3324, 0.3181**.

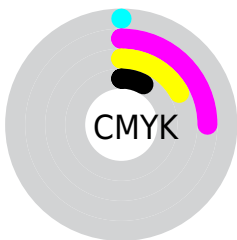
Distribution



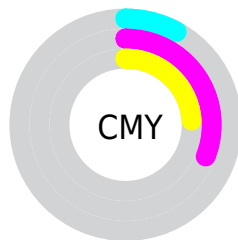
- Red (92%)
- Green (69%)
- Blue (76%)



- Red (92%)
- Yellow (69%)
- Blue (76%)



- Cyan (0%)
- Magenta (25%)
- Yellow (17%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0015, 0.3496, 0.3102 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 53.0015, 0.3496, 0.3102 by changing the saturation by 10% instead.


 53.0015, 0.3496,
0.3102

 53.0015, 0.3496,
0.3102

398.2909, 0.3316,
0.3194

 37.8040, 0.3540,
0.3080


 94.6066, 0.3431,
0.3135

 25.8306, 0.3596,
0.3051


121.7829, 0.3407,
0.3147

 16.6969, 0.3668,
0.3014


153.7210, 0.3386,
0.3158

 10.0187, 0.3768,
0.2964


190.8051, 0.3368,
0.3167

 5.4113, 0.3913,
0.2891

233.4198, 0.3352,
0.3175

 2.4906, 0.4140,
0.2776

281.9494, 0.3339,

 0.8719, 0.4547,

0.3182

0.2572

336.7783, 0.3326,
0.3188

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0015, 0.3496,
0.3102

53.0015, 0.3496,
0.3102

43.8003, 0.3706,
0.3022

63.8900, 0.3324,
0.3181

36.1946, 0.3960,
0.2945

76.5374, 0.3184,
0.3256

30.0945, 0.4259,
0.2879

91.0196, 0.3070,
0.3326

25.3986, 0.4600,
0.2834

96.4105, 0.3006,
0.3290

■ 21.9925, 0.4969,
0.2821

■ 19.7438, 0.5337,
0.2852

■ 18.4906, 0.5669,
0.2930

■ 18.0993, 0.5824,
0.2982

Harmonies

Analogous

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



53.0015, 0.3187, 0.2895



53.0015, 0.3496, 0.3102



53.0015, 0.3708, 0.3359

Triad

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



53.0015, 0.3496, 0.3102



53.0015, 0.3360, 0.3854



53.0015, 0.2537, 0.2925

Complementary

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



53.0015, 0.3496, 0.3102



73.8529, 0.2857, 0.3487

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.



53.0015, 0.2579, 0.3175



53.0015, 0.3496, 0.3102



53.0015, 0.3044, 0.3737

Square

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



53.0015, 0.3496, 0.3102



53.0015, 0.3623, 0.3801



53.0015, 0.2760, 0.3479



53.0015, 0.2642, 0.2788

Rectangle

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



53.0015, 0.3496, 0.3102



53.0015, 0.3759, 0.3533



53.0015, 0.2760, 0.3479



53.0015, 0.2534, 0.2998

Sweetspot

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



53.0039, 0.3496, 0.3102



88.3492, 0.3214, 0.3239



52.2872, 0.3015, 0.2649



18.7063, 0.3222, 0.3235



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.



53.0039, 0.3496, 0.3102



57.5141, 0.3605, 0.3058



57.0661, 0.3616, 0.3421



15.1267, 0.3247, 0.3221



10.0877, 0.5783, 0.2959



0.8084, 0.5389, 0.2742

Inverse Universe

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



53.0039, 0.3496, 0.3102



57.5141, 0.3605, 0.3058



68.3547, 0.2752, 0.3155



15.1267, 0.3247, 0.3221



10.0877, 0.5783, 0.2959



0.8084, 0.5389, 0.2742

Previews

White Background



This preview shows how the Yxy color 53.0015, 0.3496, 0.3102 looks on a white background.

Color Contrast Check

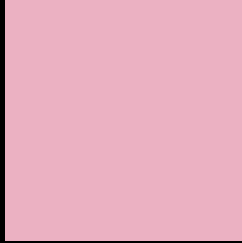
Large Text (above 18pt) WCAG AA × Fail

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 53.0015, 0.3496, 0.3102 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 53.0015, 0.3496, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 53.0015, 0.3496, 0.3102.



This preview shows how white text looks on a background with the Yxy color 53.0015, 0.3496, 0.3102.

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

53.0015, 0.3496, 0.3102

Protanopia

53.3485, 0.3054, 0.3156

Deuteranopia

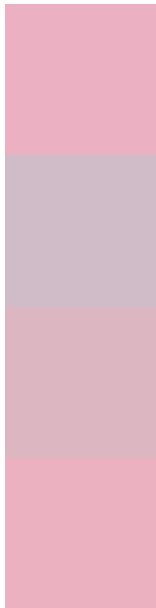
53.1953, 0.3289, 0.3231



Tritanopia

52.8680, 0.3522, 0.3135

Trichromacy



Original Color

53.0015, 0.3496, 0.3102

Protanomaly

53.1207, 0.3201, 0.3136

Deuteranomaly

52.9329, 0.3363, 0.3175

Tritanomaly

52.9122, 0.3513, 0.3124

Monochromacy



Original Color

53.0015, 0.3496, 0.3102

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0370, 0.3255, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0015, 0.3496, 0.3102 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(235, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 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(235, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.0015, 0.3496, 0.3102 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(235, 177, 194) }
```

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

```
.border{ border-color:rgb(235, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0015, 0.3496, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 177, 194) }
```

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

```
.background{ background-color: rgb(235,  
177, 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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