

Converting Colors

Yxy(53.4859, 0.3386, 0.2955)

Have a look what the booklet for
Yxy(53.4859, 0.3386, 0.2955)
contains.

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Color

Yxy(53.6114, 0.3384, 0.2962)

Conversions

Conversions Part 1

Format	Color
Hex	EBB1CF
RGB	235, 177, 207
RGB Percent	92%, 69%, 81%
CMY	0.0783, 0.3059, 0.1883
CMYK	0.00, 0.25, 0.12, 0.08
HSL	329°, 59%, 81%
HSV	329°, 25%, 92%
XYZ	61.2495, 53.6114, 66.1364
YIQ	197.7620, 24.9380, 21.6260

Conversions

Conversions Part 2

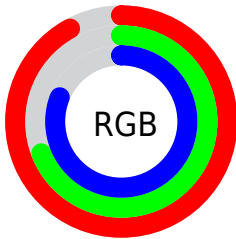
Format	Color
R _Y B	235, 177, 207
Decimal	15446479
CIE Lab	78.23, 25.69, -6.90
CIE LCh	78, 26.603, 344.957
Yxy	53.6114, 0.3384, 0.2962
Android (android.graphics.Color)	4293636559 (0xFFEBB1CF)
YUV	197.7620, 4.5543, 32.6577
Hunter-Lab	73.2198, 21.1833, -2.3003

Details

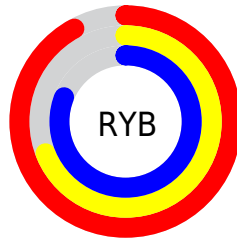
The Yxy color **53.6114, 0.3384, 0.2962** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1885, 0.2931, 0.3644**, and the grayscale version is **56.2821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **26.2989, 0.3452, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **44.5796, 0.3525, 0.2823**, and if you desaturate by 10%, it is **64.2869, 0.3266, 0.3099**.

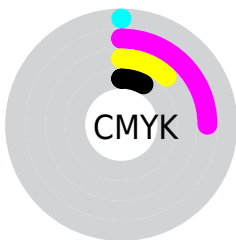
Distribution



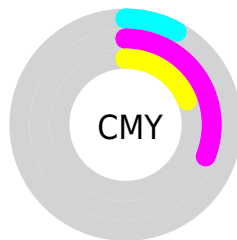
- Red (92%)
- Green (69%)
- Blue (81%)



- Red (92%)
- Yellow (69%)
- Blue (81%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6114, 0.3384, 0.2962 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 53.6114, 0.3384, 0.2962 by changing the saturation by 10% instead.

 53.6114, 0.3384,
0.2962

 53.6114, 0.3384,
0.2962

400.6264, 0.3261,
0.3118

 38.2911, 0.3413,
0.2925


 95.5034, 0.3340,
0.3017

 26.2087, 0.3450,
0.2879


122.8439, 0.3324,
0.3038

 16.9798, 0.3498,
0.2820

154.9599, 0.3309,
0.3056

 10.2201, 0.3563,
0.2741


192.2358, 0.3297,
0.3072

 5.5451, 0.3654,
0.2631

235.0560, 0.3286,
0.3086

 2.5705, 0.3793,
0.2466

283.8050, 0.3277,

 0.9119, 0.4031,

0.3098

0.2192

338.8669, 0.3268,
0.3108

0.0000, 0.6205,
0.0000

0.0000, 0.0000,
0.0000

53.6114, 0.3384,
0.2962

53.6114, 0.3384,
0.2962

44.5796, 0.3525,
0.2823

64.2869, 0.3266,
0.3099

37.1013, 0.3691,
0.2689

76.6756, 0.3167,
0.3231

31.0891, 0.3882,
0.2567

90.8520, 0.3086,
0.3355

26.4434, 0.4096,
0.2470

96.2415, 0.3020,
0.3315

■ 23.0523, 0.4327,
0.2411

■ 96.4066, 0.3006,
0.3290

■ 20.7860, 0.4566,
0.2400

■ 19.4856, 0.4799,
0.2444

■ 19.0576, 0.4920,
0.2484

Harmonies

Analogous

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



53.6114, 0.3023, 0.2777



53.6114, 0.3384, 0.2962



53.6114, 0.3687, 0.3227

Triad

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



53.6114, 0.3384, 0.2962



53.6114, 0.3538, 0.3918



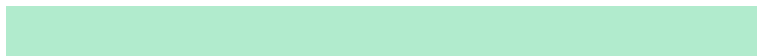
53.6114, 0.2471, 0.2997

Complementary

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



53.6114, 0.3384, 0.2962



73.1885, 0.2931, 0.3644

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.



53.6114, 0.2592, 0.3318



53.6114, 0.3384, 0.2962



53.6114, 0.3200, 0.3880

Square

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



53.6114, 0.3384, 0.2962



53.6114, 0.3773, 0.3774



53.6114, 0.2854, 0.3653



53.6114, 0.2512, 0.2782

Rectangle

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



53.6114, 0.3384, 0.2962



53.6114, 0.3805, 0.3422



53.6114, 0.2854, 0.3653



53.6114, 0.2493, 0.3096

Sweetspot

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



53.6138, 0.3384, 0.2962



88.5920, 0.3189, 0.3201



50.4284, 0.2916, 0.2630



18.7624, 0.3194, 0.3193



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.



53.6138, 0.3384, 0.2962



58.3633, 0.3458, 0.2886



52.3228, 0.3638, 0.3281



15.1840, 0.3212, 0.3169



10.6297, 0.4886, 0.2465



0.8541, 0.4590, 0.2302

Inverse Universe

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



53.6138, 0.3384, 0.2962



58.3633, 0.3458, 0.2886



74.7224, 0.2769, 0.3300



15.1840, 0.3212, 0.3169



10.6297, 0.4886, 0.2465



0.8541, 0.4590, 0.2302

Previews

White Background



This preview shows how the Yxy color 53.6114, 0.3384, 0.2962 looks on a white background.

Color Contrast Check

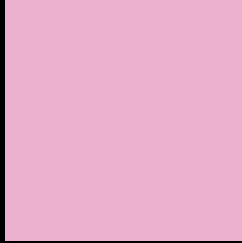
Large Text (above 18pt) WCAG AA × Fail

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 53.6114, 0.3384, 0.2962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

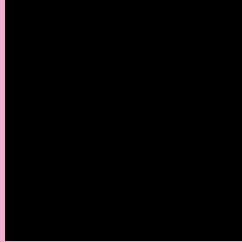
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6114, 0.3384, 0.2962

Background



This preview shows how black text looks on a background with the Yxy color 53.6114, 0.3384, 0.2962.



This preview shows how white text looks on a background with the Yxy color 53.6114, 0.3384, 0.2962.

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

53.6114, 0.3384, 0.2962

Protanopia

53.7854, 0.2939, 0.2990

Deuteranopia

53.7841, 0.3161, 0.3090



Tritanopia

53.4141, 0.3483, 0.3135

Trichromacy



Original Color

53.6114, 0.3384, 0.2962

Protanomaly

53.6101, 0.3093, 0.2987

Deuteranomaly

53.6426, 0.3239, 0.3038

Tritanomaly

53.4104, 0.3450, 0.3069

Monochromacy



Original Color

53.6114, 0.3384, 0.2962

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

54.8928, 0.3215, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6114, 0.3384, 0.2962 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 207) }
```

Border

The CSS property to change the border of an element to Yxy 53.6114, 0.3384, 0.2962 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, 207) }
```

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

```
.border{ border-color:rgb(235, 177, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 177, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 177, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 177,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6114, 0.3384, 0.2962 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, 207) }
```

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

```
.background{ background-color: rgb(235,  
177, 207) }
```

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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