

Converting Colors

Yxy(53.7781, 0.3350, 0.3068)

Have a look what the booklet for
Yxy(53.7781, 0.3350, 0.3068)
contains.

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Color

Yxy(53.8417, 0.3350, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6C9
RGB	226, 182, 201
RGB Percent	89%, 71%, 79%
CMY	0.1137, 0.2863, 0.2118
CMYK	0.00, 0.19, 0.11, 0.11
HSL	334°, 43%, 80%
HSV	334°, 19%, 89%
XYZ	58.6377, 53.8417, 62.5586
YIQ	197.3220, 20.1250, 15.2370

Conversions

Conversions Part 2

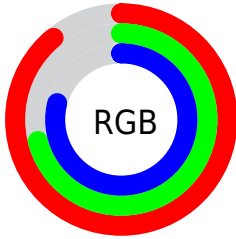
Format	Color
R _Y B	226, 182, 201
Decimal	14857929
CIE Lab	78.37, 18.88, -3.56
CIE LCh	78, 19.216, 349.320
Yxy	53.8417, 0.3350, 0.3076
Android (android.graphics.Color)	4293048009 (0xFFE2B6C9)
YUV	197.3220, 1.8133, 25.1506
Hunter-Lab	73.3769, 14.2353, 0.8152

Details

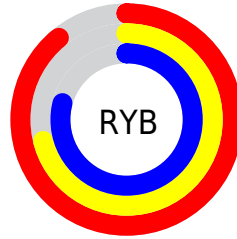
The Yxy color **53.8417, 0.3350, 0.3076** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.8521, 0.2948, 0.3515**, and the grayscale version is **56.0212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.3531, 0.3406, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **44.7422, 0.3501, 0.2960**, and if you desaturate by 10%, it is **64.4906, 0.3225, 0.3189**.

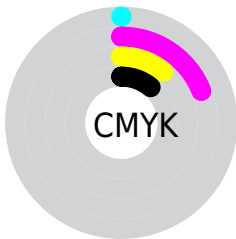
Distribution



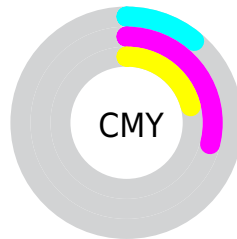
- Red (89%)
- Green (71%)
- Blue (79%)



- Red (89%)
- Yellow (71%)
- Blue (79%)



- Cyan (0%)
- Magenta (19%)
- Yellow (11%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8417, 0.3350, 0.3076 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 53.8417, 0.3350, 0.3076 by changing the saturation by 10% instead.


 53.8417, 0.3350,
0.3076

 53.8417, 0.3350,
0.3076


401.5061, 0.3242,
0.3179

 38.4751, 0.3376,
0.3051


 95.8418, 0.3312,
0.3113

 26.3516, 0.3409,
0.3021


123.2441, 0.3297,
0.3126

 17.0869, 0.3452,
0.2981


155.4270, 0.3284,
0.3138

 10.2965, 0.3510,
0.2927

192.7751, 0.3274,
0.3149

 5.5960, 0.3593,
0.2850

235.6726, 0.3264,
0.3158

 2.6010, 0.3723,
0.2733

284.5041, 0.3256,

 0.9272, 0.3951,

0.3166

0.2531

339.6537, 0.3249,
0.3173

0.0000, 0.8467,
0.0000

0.0000, 0.0000,
0.0000

53.8417, 0.3350,
0.3076

53.8417, 0.3350,
0.3076

44.7422, 0.3501,
0.2960

64.4906, 0.3225,
0.3189

37.1121, 0.3682,
0.2844

76.7495, 0.3122,
0.3295

30.8750, 0.3895,
0.2735

90.6849, 0.3038,
0.3395

25.9450, 0.4141,
0.2644

94.7438, 0.2966,
0.3316

■ 22.2260, 0.4414,
0.2582

■ 94.9113, 0.2952,
0.3289

■ 19.6092, 0.4703,
0.2562

■ 17.9653, 0.4992,
0.2595

■ 17.0832, 0.5264,
0.2677

■ 17.0447, 0.5279,
0.2681

Harmonies

Analogous

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



53.8417, 0.3092, 0.2927



53.8417, 0.3350, 0.3076



53.8417, 0.3553, 0.3279

Triad

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



53.8417, 0.3350, 0.3076



53.8417, 0.3395, 0.3745



53.8417, 0.2643, 0.3055

Complementary

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



53.8417, 0.3350, 0.3076



68.8521, 0.2948, 0.3515

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.



53.8417, 0.2717, 0.3278



53.8417, 0.3350, 0.3076



53.8417, 0.3146, 0.3693

Square

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



53.8417, 0.3350, 0.3076



53.8417, 0.3577, 0.3666



53.8417, 0.2899, 0.3517



53.8417, 0.2692, 0.2908

Rectangle

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



53.8417, 0.3350, 0.3076



53.8417, 0.3624, 0.3424



53.8417, 0.2899, 0.3517



53.8417, 0.2655, 0.3123

Sweetspot

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



53.8441, 0.3350, 0.3076



90.0762, 0.3187, 0.3226



52.2048, 0.2997, 0.2785



19.0590, 0.3194, 0.3219



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.



53.8441, 0.3350, 0.3076



66.1539, 0.3402, 0.3033



54.2191, 0.3504, 0.3325



13.7983, 0.3225, 0.3189



9.7453, 0.5239, 0.2660



0.6932, 0.4850, 0.2446

Inverse Universe

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



53.8441, 0.3350, 0.3076



66.1539, 0.3402, 0.3033



68.2557, 0.2834, 0.3255



13.7983, 0.3225, 0.3189



9.7453, 0.5239, 0.2660



0.6932, 0.4850, 0.2446

Previews

White Background



This preview shows how the Yxy color 53.8417, 0.3350, 0.3076 looks on a white background.

Color Contrast Check

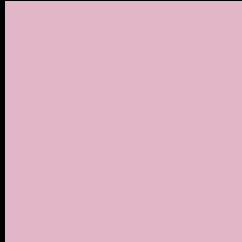
Large Text (above 18pt) WCAG AA × Fail

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 53.8417, 0.3350, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

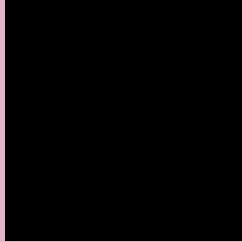
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8417, 0.3350, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 53.8417, 0.3350, 0.3076.



This preview shows how white text looks on a background with the Yxy color 53.8417, 0.3350, 0.3076.

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

53.8417, 0.3350, 0.3076

Protanopia

54.1633, 0.3025, 0.3109

Deuteranopia

53.8382, 0.3216, 0.3149



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.8417, 0.3350, 0.3076

Protanomaly

53.9248, 0.3144, 0.3101

Deuteranomaly

53.8869, 0.3268, 0.3128

Tritanomaly

53.9517, 0.3365, 0.3120

Monochromacy



Original Color

53.8417, 0.3350, 0.3076

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.1864, 0.3212, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8417, 0.3350, 0.3076 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, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 201)  
}
```

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, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 201) }
```

Border

The CSS property to change the border of an element to Yxy 53.8417, 0.3350, 0.3076 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, 182, 201) }
```

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

```
.border{ border-color:rgb(226, 182, 201) }
```

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

Here you see how a box with a 4 pixel rgb(226, 182, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8417, 0.3350, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 201) }
```

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

```
.background{ background-color: rgb(226,  
182, 201) }
```

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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