

Converting Colors

Yxy(53.7848, 0.3353, 0.2924)

Have a look what the booklet for
Yxy(53.7848, 0.3353, 0.2924)
contains.

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Color

Yxy(53.8096, 0.3350, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	EBB1D3
RGB	235, 177, 211
RGB Percent	92%, 69%, 83%
CMY	0.0785, 0.3058, 0.1727
CMYK	0.00, 0.25, 0.10, 0.08
HSL	325°, 59%, 81%
HSV	325°, 25%, 92%
XYZ	61.7336, 53.8096, 68.7362
YIQ	198.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

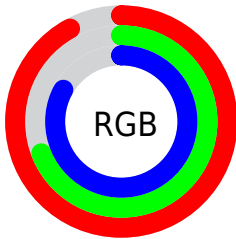
Format	Color
R _Y B	235, 177, 211
Decimal	15446483
CIE Lab	78.35, 26.33, -8.90
CIE LCh	78, 27.789, 341.330
Yxy	53.8096, 0.3350, 0.2920
Android (android.graphics.Color)	4293636563 (0xFFEBB1D3)
YUV	198.2180, 6.3015, 32.2578
Hunter-Lab	73.3550, 21.8495, -4.2083

Details

The Yxy color **53.8096, 0.3350, 0.2920** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.9767, 0.2954, 0.3692**, and the grayscale version is **56.5618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7578, 0.3137, 0.3078**, and **26.3993, 0.3417, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **44.8399, 0.3471, 0.2764**, and if you desaturate by 10%, it is **64.4120, 0.3248, 0.3075**.

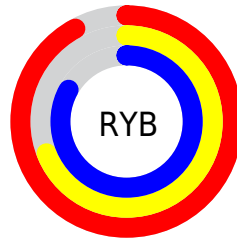
Distribution



Red (92%)

Green (69%)

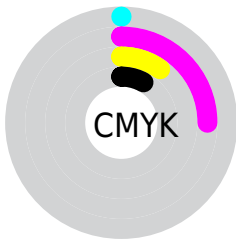
Blue (83%)



Red (92%)

Yellow (69%)

Blue (83%)

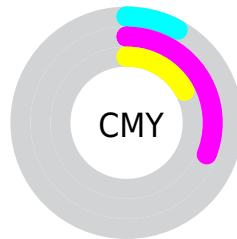


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (8%)



Cyan (8%)


Magenta (31%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8096, 0.3350, 0.2920 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 53.8096, 0.3350, 0.2920 by changing the saturation by 10% instead.


 53.8096, 0.3350,
0.2920

 53.8096, 0.3350,
0.2920


401.3835, 0.3244,
0.3095

 38.4495, 0.3375,
0.2879


 95.7946, 0.3313,
0.2982

 26.3317, 0.3406,
0.2828


123.1883, 0.3298,
0.3005

 17.0720, 0.3447,
0.2763

155.3620, 0.3286,
0.3026

 10.2858, 0.3500,
0.2676

192.7000, 0.3275,
0.3043

 5.5889, 0.3576,
0.2555

235.5867, 0.3266,
0.3059

 2.5967, 0.3689,
0.2375

284.4067, 0.3258,

 0.9250, 0.3877,

0.3072

0.2084

339.5441, 0.3250,
0.3084

0.0000, 0.5258,
0.0000

0.0000, 0.0000,
0.0000

53.8096, 0.3350,
0.2920

53.8096, 0.3350,
0.2920

44.8399, 0.3471,
0.2764

64.4120, 0.3248,
0.3075

37.4134, 0.3611,
0.2613

76.7165, 0.3162,
0.3223

31.4427, 0.3770,
0.2476

90.7970, 0.3091,
0.3364

26.8288, 0.3948,
0.2364

96.0766, 0.3033,
0.3340

■ 23.4603, 0.4138,
0.2290

■ 96.3998, 0.3005,
0.3290

■ 21.2078, 0.4333,
0.2263

■ 19.9128, 0.4525,
0.2291

■ 19.4835, 0.4626,
0.2322

Harmonies

Analogous

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



53.8096, 0.2974, 0.2741



53.8096, 0.3350, 0.2920



53.8096, 0.3680, 0.3187

Triad

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



53.8096, 0.3350, 0.2920



53.8096, 0.3592, 0.3936



53.8096, 0.2450, 0.3019

Complementary

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



53.8096, 0.3350, 0.2920



72.9767, 0.2954, 0.3692

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.



53.8096, 0.2596, 0.3362



53.8096, 0.3350, 0.2920



53.8096, 0.3247, 0.3923

Square

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



53.8096, 0.3350, 0.2920



53.8096, 0.3820, 0.3766



53.8096, 0.2883, 0.3707



53.8096, 0.2473, 0.2780

Rectangle

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



53.8096, 0.3350, 0.2920



53.8096, 0.3819, 0.3389



53.8096, 0.2883, 0.3707



53.8096, 0.2481, 0.3126

Sweetspot

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



53.8120, 0.3350, 0.2920



88.6680, 0.3181, 0.3189



49.7557, 0.2878, 0.2623



18.7800, 0.3186, 0.3180



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.



53.8120, 0.3350, 0.2920



58.6440, 0.3413, 0.2835



52.5218, 0.3594, 0.3226



15.2020, 0.3201, 0.3153



10.8709, 0.4597, 0.2306



0.8727, 0.4352, 0.2171

Inverse Universe

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



53.8120, 0.3350, 0.2920



58.6440, 0.3413, 0.2835



74.4256, 0.2796, 0.3356



15.2020, 0.3201, 0.3153



10.8709, 0.4597, 0.2306



0.8727, 0.4352, 0.2171

Previews

White Background



This preview shows how the Yxy color 53.8096, 0.3350, 0.2920 looks on a white background.

Color Contrast Check

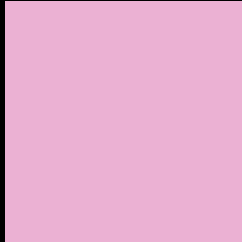
Large Text (above 18pt) WCAG AA × Fail

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 53.8096, 0.3350, 0.2920 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 53.8096, 0.3350, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 53.8096, 0.3350, 0.2920.



This preview shows how white text looks on a background with the Yxy color 53.8096, 0.3350, 0.2920.

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

53.8096, 0.3350, 0.2920

Protanopia

54.3075, 0.2904, 0.2956

Deuteranopia

54.1205, 0.3114, 0.3055



Tritanopia

53.8612, 0.3473, 0.3135

Trichromacy



Original Color

53.8096, 0.3350, 0.2920

Protanomaly

53.6722, 0.3055, 0.2941

Deuteranomaly

54.1028, 0.3198, 0.3004

Tritanomaly

53.9028, 0.3432, 0.3058

Monochromacy



Original Color

53.8096, 0.3350, 0.2920

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

54.9876, 0.3200, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8096, 0.3350, 0.2920 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(235, 177, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 177, 211) }
```

Border

The CSS property to change the border of an element to Yxy 53.8096, 0.3350, 0.2920 is called "border". The border property can be set on classes, ids or directly on the HTML element.

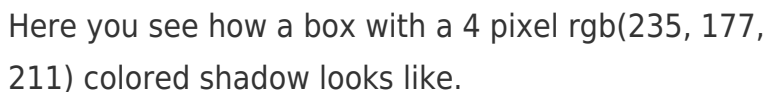
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 177, 211) }
```

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

```
.border{ border-color:rgb(235, 177, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 177, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 177, 211); box-shadow:4px 4px 4px 4px rgb(235, 177, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8096, 0.3350, 0.2920 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, 211) }
```

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

```
.background{ background-color: rgb(235,  
177, 211) }
```

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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