

Converting Colors

$Y_{xy}(57.6765, 0.3308, 0.2971)$

Have a look what the booklet for
Yxy(57.6765, 0.3308, 0.2971)
contains.

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Color

Yxy(57.6863, 0.3306, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	EBBAD7
RGB	235, 186, 215
RGB Percent	92%, 73%, 84%
CMY	0.0785, 0.2705, 0.1567
CMYK	0.00, 0.21, 0.08, 0.08
HSL	324°, 55%, 83%
HSV	324°, 21%, 92%
XYZ	64.0830, 57.6863, 72.0691
YIQ	203.9570, 19.8950, 19.4070

Conversions

Conversions Part 2

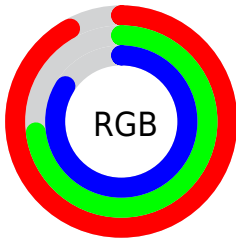
Format	Color
R _Y B	235, 186, 215
Decimal	15448791
CIE Lab	80.56, 22.21, -7.81
CIE LCh	81, 23.543, 340.630
Yxy	57.6863, 0.3306, 0.2976
Android (android.graphics.Color)	4293638871 (0xFFE8BAD7)
YUV	203.9570, 5.4442, 27.2247
Hunter-Lab	75.9515, 17.6916, -3.0932

Details

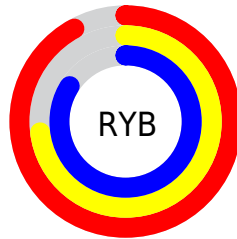
The Yxy color **57.6863, 0.3306, 0.2976** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2978, 0.2982, 0.3627**, and the grayscale version is **60.3120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **28.8968, 0.3356, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **48.1105, 0.3417, 0.2818**, and if you desaturate by 10%, it is **68.9240, 0.3212, 0.3131**.

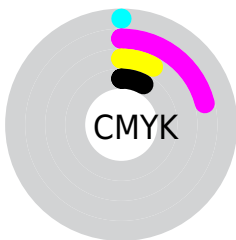
Distribution



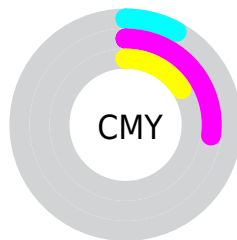
- Red (92%)
- Green (73%)
- Blue (84%)



- Red (92%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6863, 0.3306, 0.2976 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 57.6863, 0.3306, 0.2976 by changing the saturation by 10% instead.

 57.6863, 0.3306,
0.2976

 57.6863, 0.3306,
0.2976


416.0160, 0.3222,
0.3124

 41.5565, 0.3326,
0.2942

 101.4659, 0.3276,
0.3028

 28.7542, 0.3350,
0.2899


129.8845, 0.3265,
0.3048

 18.8949, 0.3382,
0.2845


163.1681, 0.3255,
0.3065

 11.5944, 0.3423,
0.2773

201.7012, 0.3247,
0.3080

 6.4681, 0.3481,
0.2673

245.8682, 0.3239,
0.3093

 3.1318, 0.3567,
0.2527


296.0534, 0.3233,

 1.2009, 0.3707,

0.3104

0.2292


352.6412, 0.3227,
0.3114


 0.0624, 0.4707,
0.0489


 0.0000, 0.0000,
0.0000

 57.6863, 0.3306,
0.2976


 57.6863, 0.3306,
0.2976

 48.1105, 0.3417,
0.2818


 68.9240, 0.3212,
0.3131


 40.1088, 0.3548,
0.2663

 81.8904, 0.3133,
0.3278

 33.5972, 0.3697,
0.2517

 95.6943, 0.3068,
0.3402

 28.4806, 0.3865,
0.2393

 96.2901, 0.3015,
0.3306

■ 24.6528, 0.4046,
0.2301

■ 96.3982, 0.3005,
0.3290

■ 21.9922, 0.4236,
0.2254

■ 20.3536, 0.4426,
0.2259

■ 19.5303, 0.4596,
0.2305

Harmonies

Analogous

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



57.6863, 0.2995, 0.2827



57.6863, 0.3306, 0.2976



57.6863, 0.3579, 0.3201

Triad

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



57.6863, 0.3306, 0.2976



57.6863, 0.3521, 0.3823



57.6863, 0.2563, 0.3076

Complementary

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



57.6863, 0.3306, 0.2976



74.2978, 0.2982, 0.3627

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.



57.6863, 0.2689, 0.3359



57.6863, 0.3306, 0.2976



57.6863, 0.3237, 0.3811

Square

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



57.6863, 0.3306, 0.2976



57.6863, 0.3703, 0.3685



57.6863, 0.2933, 0.3638



57.6863, 0.2578, 0.2871

Rectangle

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



57.6863, 0.3306, 0.2976



57.6863, 0.3695, 0.3371



57.6863, 0.2933, 0.3638



57.6863, 0.2590, 0.3165

Sweetspot

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



57.6889, 0.3306, 0.2976



90.2288, 0.3172, 0.3203



54.1837, 0.2923, 0.2736



19.0950, 0.3177, 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.



57.6889, 0.3306, 0.2976



64.2899, 0.3351, 0.2909



56.5384, 0.3504, 0.3237



15.2039, 0.3200, 0.3151



10.8979, 0.4568, 0.2290



0.8748, 0.4328, 0.2158

Inverse Universe

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



57.6889, 0.3306, 0.2976



64.2899, 0.3351, 0.2909



75.5615, 0.2844, 0.3344



15.2039, 0.3200, 0.3151



10.8979, 0.4568, 0.2290



0.8748, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 57.6863, 0.3306, 0.2976 looks on a white background.

Color Contrast Check

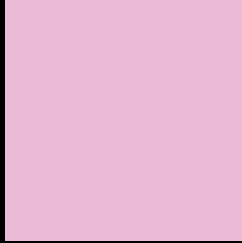
Large Text (above 18pt) WCAG AA × Fail

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 57.6863, 0.3306, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

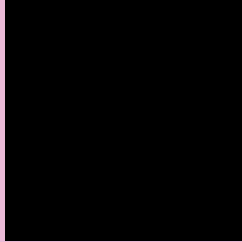
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6863, 0.3306, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 57.6863, 0.3306, 0.2976.



This preview shows how white text looks on a background with the Yxy color 57.6863, 0.3306, 0.2976.

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

57.6863, 0.3306, 0.2976

Protanopia

58.0449, 0.2944, 0.3010

Deuteranopia

57.6838, 0.3145, 0.3073



Tritanopia

57.6019, 0.3384, 0.3125

Trichromacy



Original Color

57.6863, 0.3306, 0.2976

Protanomaly

57.5998, 0.3071, 0.2994

Deuteranomaly

57.6462, 0.3204, 0.3033

Tritanomaly

57.5381, 0.3361, 0.3072

Monochromacy



Original Color

57.6863, 0.3306, 0.2976

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

58.9336, 0.3188, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6863, 0.3306, 0.2976 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, 186, 215)` looks like.

```
.text, #text, p{  
    color:rgb(235, 186, 215)  
}
```

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, 186, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 186, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.6863, 0.3306, 0.2976 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, 186, 215) }
```

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

```
.border{ border-color:rgb(235, 186, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 186, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 186, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 186, 215);  
box-shadow:4px 4px 4px 4px rgb(235, 186,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6863, 0.3306, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 186, 215) }
```

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

```
.background{ background-color: rgb(235,  
186, 215) }
```

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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