

Converting Colors

$Yxy(60.3166, 0.3348, 0.2963)$

Have a look what the booklet for
Yxy(60.3166, 0.3348, 0.2963)
contains.

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Color

Yxy(60.3140, 0.3346, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	F4BCDB
RGB	244, 188, 219
RGB Percent	96%, 74%, 86%
CMY	0.0430, 0.2628, 0.1411
CMYK	0.00, 0.23, 0.10, 0.04
HSL	327°, 72%, 85%
HSV	327°, 23%, 96%
XYZ	68.0873, 60.3140, 75.0873
YIQ	208.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

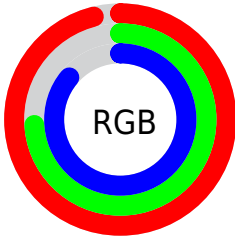
Format	Color
R_{YB}	244, 188, 219
Decimal	16039131
CIE _{Lab}	82.01, 24.93, -7.72
CIE _{LCh}	82, 26.099, 342.800
Yxy	60.3140, 0.3346, 0.2964
Android (android.graphics.Color)	4294229211 (0xFFF4BCDB)
YUV	208.2780, 5.2859, 31.3282
Hunter-Lab	77.6621, 20.5844, -2.9608

Details

The Yxy color $60.3140, 0.3346, 0.2964$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $80.2128, 0.2955, 0.3641$, and the grayscale version is $63.2232, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $30.2953, 0.3399, 0.2882$ is the 20% darker color. If you saturate the color by 10%, you get $50.2028, 0.3473, 0.2815$, and if you desaturate by 10%, it is $72.2308, 0.3239, 0.3110$.

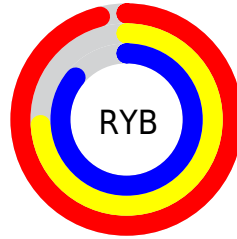
Distribution



Red (96%)

Green (74%)

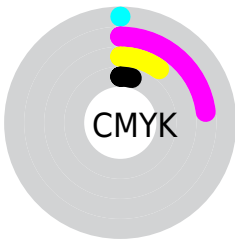
Blue (86%)



Red (96%)

Yellow (74%)

Blue (86%)

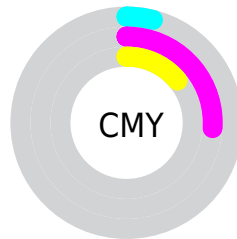


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (26%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3140, 0.3346, 0.2964 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 60.3140, 0.3346, 0.2964 by changing the saturation by 10% instead.


 60.3140, 0.3346,
0.2964

 60.3140, 0.3346,
0.2964


425.7542, 0.3243,
0.3116

 43.6718, 0.3370,
0.2929


 105.2850, 0.3310,
0.3017

 30.4126, 0.3399,
0.2886


134.3826, 0.3296,
0.3037

 20.1519, 0.3437,
0.2831

168.4008, 0.3284,
0.3055

 12.5055, 0.3487,
0.2759

207.7240, 0.3274,
0.3070

 7.0890, 0.3556,
0.2660

252.7365, 0.3265,
0.3084

 3.5178, 0.3658,
0.2516


303.8228, 0.3257,

 1.4077, 0.3822,


0.3096


0.2289


361.3672, 0.3250,
0.3106


 0.2224, 0.4495,
0.1219


 0.0000, 0.0000,
0.0000


 60.3140, 0.3346,
0.2964


 60.3140, 0.3346,
0.2964

 50.2028, 0.3473,
0.2815


 72.2308, 0.3239,
0.3110

 41.7998, 0.3621,
0.2670

 86.0282, 0.3150,
0.3250

 35.0106, 0.3792,
0.2537

 97.7669, 0.3078,
0.3322

 29.7285, 0.3983,
0.2427

 97.9783, 0.3060,
0.3290

■ 25.8334, 0.4191,
0.2353

■ 23.1870, 0.4406,
0.2325

■ 21.6217, 0.4619,
0.2352

■ 20.9916, 0.4765,
0.2398

Harmonies

Analogous

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



60.3140, 0.3005, 0.2795



60.3140, 0.3346, 0.2964



60.3140, 0.3638, 0.3212

Triad

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



60.3140, 0.3346, 0.2964



60.3140, 0.3536, 0.3877



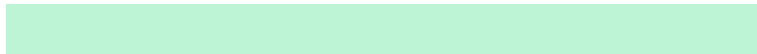
60.3140, 0.2509, 0.3034

Complementary

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



60.3140, 0.3346, 0.2964



80.2128, 0.2955, 0.3641

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.



60.3140, 0.2635, 0.3341



60.3140, 0.3346, 0.2964



60.3140, 0.3221, 0.3854

Square

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



60.3140, 0.3346, 0.2964



60.3140, 0.3747, 0.3734



60.3140, 0.2892, 0.3652



60.3140, 0.2537, 0.2821

Rectangle

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



60.3140, 0.3346, 0.2964



60.3140, 0.3758, 0.3397



60.3140, 0.2892, 0.3652



60.3140, 0.2535, 0.3129

Sweetspot

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



60.3167, 0.3346, 0.2964



88.6329, 0.3185, 0.3194



56.5339, 0.2912, 0.2675



18.7719, 0.3190, 0.3186



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.



60.3167, 0.3346, 0.2964



60.7104, 0.3408, 0.2888



58.9946, 0.3570, 0.3251



16.6362, 0.3207, 0.3160



11.4390, 0.4733, 0.2381



1.0261, 0.4489, 0.2247

Inverse Universe

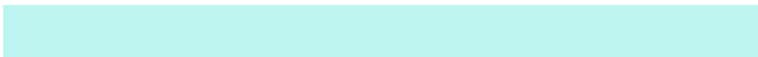
The Inverse Universe completely reimagines the original color for something new.



60.3167, 0.3346, 0.2964



60.7104, 0.3408, 0.2888



81.7177, 0.2806, 0.3330



16.6362, 0.3207, 0.3160



11.4390, 0.4733, 0.2381



1.0261, 0.4489, 0.2247

Previews

White Background



This preview shows how the Yxy color 60.3140, 0.3346, 0.2964 looks on a white background.

Color Contrast Check

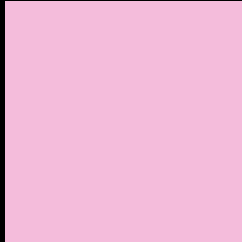
Large Text (above 18pt) WCAG AA × Fail

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 60.3140, 0.3346, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

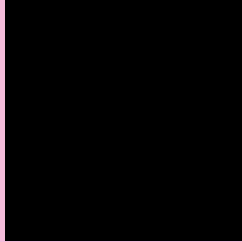
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3140, 0.3346, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 60.3140, 0.3346, 0.2964.



This preview shows how white text looks on a background with the Yxy color 60.3140, 0.3346, 0.2964.

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

60.3140, 0.3346, 0.2964

Protanopia

60.7308, 0.2941, 0.3004

Deuteranopia

60.3033, 0.3145, 0.3077



Tritanopia

60.1119, 0.3439, 0.3130

Trichromacy



Original Color

60.3140, 0.3346, 0.2964

Protanomaly

60.5761, 0.3080, 0.2990

Deuteranomaly

59.9764, 0.3211, 0.3027

Tritanomaly

60.1030, 0.3409, 0.3067

Monochromacy



Original Color

60.3140, 0.3346, 0.2964

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8989, 0.3203, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3140, 0.3346, 0.2964 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(244, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(244, 188, 219)  
}
```

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(244, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 188, 219) }
```

Border

The CSS property to change the border of an element to Yxy 60.3140, 0.3346, 0.2964 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(244, 188, 219) }
```

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

```
.border{ border-color:rgb(244, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 188, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 188, 219); box-shadow:4px 4px 4px 4px rgb(244, 188, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3140, 0.3346, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 188, 219) }
```

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

```
.background{ background-color: rgb(244,  
188, 219) }
```

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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