

Converting Colors

$Yxy(59.6058, 0.3420, 0.3039)$

Have a look what the booklet for
Yxy(59.6058, 0.3420, 0.3039)
contains.

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Color

Yxy(59.6563, 0.3420, 0.3037)

Conversions

Conversions Part 1

Format	Color
Hex	F5BBD3
RGB	245, 187, 211
RGB Percent	96%, 73%, 83%
CMY	0.0393, 0.2666, 0.1726
CMYK	0.00, 0.24, 0.14, 0.04
HSL	335°, 74%, 85%
HSV	335°, 24%, 96%
XYZ	67.1796, 59.6563, 69.5957
YIQ	207.0780, 26.8640, 19.7600

Conversions

Conversions Part 2

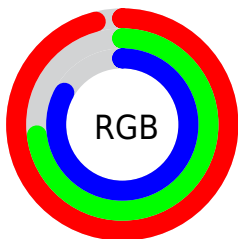
Format	Color
R _Y B	245, 187, 211
Decimal	16104403
CIE Lab	81.65, 24.48, -3.92
CIE LCh	82, 24.788, 350.907
Yxy	59.6563, 0.3420, 0.3037
Android (android.graphics.Color)	4294294483 (0xFFF5BBD3)
YUV	207.0780, 1.9335, 33.2576
Hunter-Lab	77.2375, 20.0901, 0.6423

Details

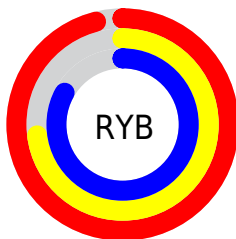
The Yxy color **59.6563, 0.3420, 0.3037** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.0838, 0.2905, 0.3559**, and the grayscale version is **62.4250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **29.9007, 0.3489, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **49.4464, 0.3590, 0.2924**, and if you desaturate by 10%, it is **71.7090, 0.3280, 0.3148**.

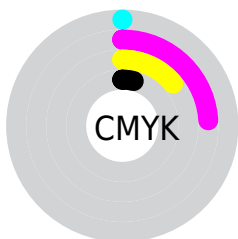
Distribution



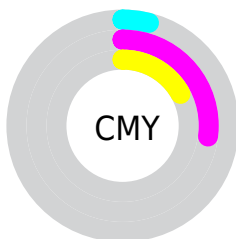
- Red (96%)
- Green (73%)
- Blue (83%)



- Red (96%)
- Yellow (73%)
- Blue (83%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (4%)




- Cyan (4%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6563, 0.3420, 0.3037 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 59.6563, 0.3420, 0.3037 by changing the saturation by 10% instead.

 59.6563, 0.3420,
0.3037

 59.6563, 0.3420,
0.3037


423.3297, 0.3281,
0.3156

 43.1417, 0.3453,
0.3009

 104.3309, 0.3371,
0.3079

 29.9963, 0.3494,
0.2975


133.2597, 0.3352,
0.3095

 19.8358, 0.3547,
0.2930


167.0953, 0.3336,
0.3109

 12.2757, 0.3618,
0.2871

206.2222, 0.3322,
0.3121

 6.9317, 0.3717,
0.2790

251.0246, 0.3310,
0.3131

 3.4194, 0.3866,
0.2669

301.8871, 0.3299,

 1.3544, 0.4116,

0.3141

0.2473

359.1940, 0.3289,
0.3149

0.1828, 0.5405,
0.1281

0.0000, 0.0000,
0.0000

59.6563, 0.3420,
0.3037

59.6563, 0.3420,
0.3037

49.4464, 0.3590,
0.2924

71.7090, 0.3280,
0.3148

40.9797, 0.3792,
0.2815

85.6818, 0.3164,
0.3253

34.1593, 0.4030,
0.2716

98.0914, 0.3071,
0.3299

28.8753, 0.4300,
0.2640

98.1500, 0.3066,
0.3290

■ 25.0046, 0.4594,
0.2600

■ 22.4045, 0.4898,
0.2607

■ 20.9018, 0.5191,
0.2668

■ 20.3561, 0.5365,
0.2729

Harmonies

Analogous

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



59.6563, 0.3098, 0.2851



59.6563, 0.3420, 0.3037



59.6563, 0.3669, 0.3287

Triad

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



59.6563, 0.3420, 0.3037



59.6563, 0.3443, 0.3861



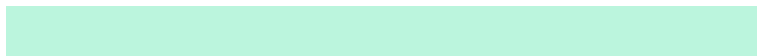
59.6563, 0.2529, 0.2981

Complementary

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



59.6563, 0.3420, 0.3037



81.0838, 0.2905, 0.3559

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.



59.6563, 0.2611, 0.3256



59.6563, 0.3420, 0.3037



59.6563, 0.3130, 0.3790

Square

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



59.6563, 0.3420, 0.3037



59.6563, 0.3678, 0.3764



59.6563, 0.2827, 0.3560



59.6563, 0.2596, 0.2809

Rectangle

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



59.6563, 0.3420, 0.3037



59.6563, 0.3752, 0.3465



59.6563, 0.2827, 0.3560



59.6563, 0.2540, 0.3064

Sweetspot

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



59.6590, 0.3420, 0.3037



88.4794, 0.3200, 0.3218



57.4836, 0.2969, 0.2666



18.7364, 0.3207, 0.3212



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.



59.6590, 0.3420, 0.3037



60.1858, 0.3491, 0.2987



60.6294, 0.3609, 0.3343



16.5962, 0.3228, 0.3192



10.9936, 0.5324, 0.2706



0.9862, 0.4998, 0.2527

Inverse Universe

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



59.6590, 0.3420, 0.3037



60.1858, 0.3491, 0.2987



79.5698, 0.2773, 0.3236



16.5962, 0.3228, 0.3192



10.9936, 0.5324, 0.2706



0.9862, 0.4998, 0.2527

Previews

White Background



This preview shows how the Yxy color 59.6563, 0.3420, 0.3037 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 59.6563, 0.3420, 0.3037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

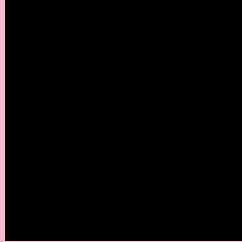
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6563, 0.3420, 0.3037

Background



This preview shows how black text looks on a background with the Yxy color 59.6563, 0.3420, 0.3037.



This preview shows how white text looks on a background with the Yxy color 59.6563, 0.3420, 0.3037.

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

59.6563, 0.3420, 0.3037

Protanopia

59.9649, 0.3001, 0.3082

Deuteranopia

59.7516, 0.3220, 0.3155



Tritanopia

59.5113, 0.3476, 0.3131

Trichromacy



Original Color

59.6563, 0.3420, 0.3037

Protanomaly

59.8477, 0.3145, 0.3066

Deuteranomaly

59.4511, 0.3289, 0.3103

Tritanomaly

59.6558, 0.3451, 0.3099

Monochromacy



Original Color

59.6563, 0.3420, 0.3037

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.2348, 0.3233, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6563, 0.3420, 0.3037 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(245, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(245, 187, 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(245, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 187, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.6563, 0.3420, 0.3037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

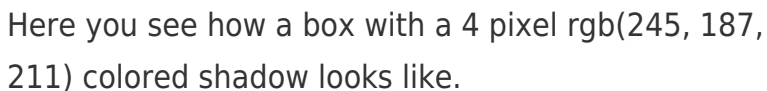
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 187, 211) }
```

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

```
.border{ border-color:rgb(245, 187, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(245, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(245, 187,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6563, 0.3420, 0.3037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 187, 211) }
```

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

```
.background{ background-color: rgb(245,  
187, 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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