

Converting Colors

$Y_{xy}(50.3196, 0.3543, 0.2960)$

Have a look what the booklet for
Yxy(50.3196, 0.3543, 0.2960)
contains.

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Color

Yxy(50.3694, 0.3541, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	F1A7C5
RGB	241, 167, 197
RGB Percent	95%, 65%, 77%
CMY	0.0549, 0.3451, 0.2273
CMYK	0.00, 0.31, 0.18, 0.05
HSL	336°, 73%, 80%
HSV	336°, 31%, 95%
XYZ	60.1748, 50.3694, 59.3931
YIQ	192.5460, 34.4740, 25.0180

Conversions

Conversions Part 2

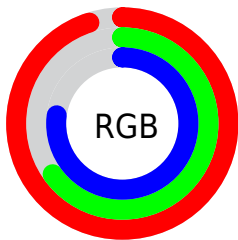
Format	Color
R _Y B	241, 167, 197
Decimal	15837125
CIE Lab	76.30, 31.51, -4.28
CIE LCh	76, 31.799, 352.258
Yxy	50.3694, 0.3541, 0.2964
Android (android.graphics.Color)	4294027205 (0xFFFF1A7C5)
YUV	192.5460, 2.1958, 42.4942
Hunter-Lab	70.9714, 27.1455, 0.0626

Details

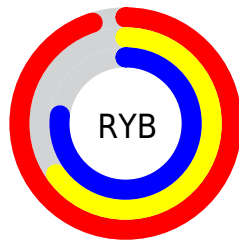
The Yxy color $50.3694, 0.3541, 0.2964$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $75.8272, 0.2842, 0.3644$, and the grayscale version is $53.0221, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1911, 0.3148, 0.2989$, and $24.2081, 0.3660, 0.2882$ is the 20% darker color. If you saturate the color by 10%, you get $41.7233, 0.3736, 0.2855$, and if you desaturate by 10%, it is $60.7278, 0.3378, 0.3074$.

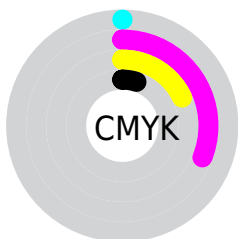
Distribution



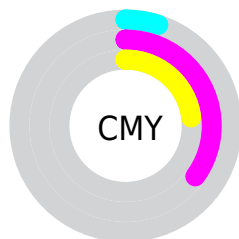
- Red (95%)
- Green (65%)
- Blue (77%)



- Red (95%)
- Yellow (65%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (18%)
- Black (5%)




- Cyan (5%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3694, 0.3541, 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 50.3694, 0.3541, 0.2964 by changing the saturation by 10% instead.


 50.3694, 0.3541,
0.2964

 50.3694, 0.3541,
0.2964


388.1088, 0.3338,
0.3122

 35.7070, 0.3590,
0.2926


 90.7220, 0.3468,
0.3020

 24.2080, 0.3653,
0.2879


 117.1809, 0.3441,
0.3042

 15.4880, 0.3735,
0.2817


148.3408, 0.3417,
0.3060

 9.1626, 0.3846,
0.2733

184.5861, 0.3397,
0.3076

 4.8474, 0.4008,
0.2614

226.3011, 0.3380,
0.3089

 2.1580, 0.4262,
0.2431

273.8703, 0.3364,

 0.6969, 0.4733,

0.3101

327.6781, 0.3351,
0.3112

0.2088

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3694, 0.3541,
0.2964

50.3694, 0.3541,
0.2964

41.7233, 0.3736,
0.2855

60.7278, 0.3378,
0.3074

34.6892, 0.3966,
0.2754

72.8776, 0.3244,
0.3182

29.1672, 0.4231,
0.2672

86.9015, 0.3134,
0.3283

25.0430, 0.4524,
0.2621

97.3962, 0.3045,
0.3296

■ 22.1859, 0.4832,
0.2615

■ 97.4405, 0.3041,
0.3290

■ 20.4402, 0.5134,
0.2661

■ 19.5787, 0.5395,
0.2746

Harmonies

Analogous

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



50.3694, 0.3103, 0.2716



50.3694, 0.3541, 0.2964



50.3694, 0.3877, 0.3292

Triad

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



50.3694, 0.3541, 0.2964



50.3694, 0.3529, 0.4071



50.3694, 0.2331, 0.2850

Complementary

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



50.3694, 0.3541, 0.2964



75.8272, 0.2842, 0.3644

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.



50.3694, 0.2427, 0.3215



50.3694, 0.3541, 0.2964



50.3694, 0.3104, 0.3972

Square

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



50.3694, 0.3541, 0.2964



50.3694, 0.3859, 0.3932



50.3694, 0.2703, 0.3643



50.3694, 0.2426, 0.2637

Rectangle

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



50.3694, 0.3541, 0.2964



50.3694, 0.3983, 0.3527



50.3694, 0.2703, 0.3643



50.3694, 0.2341, 0.2958

Sweetspot

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



50.3717, 0.3541, 0.2964



85.3740, 0.3224, 0.3199



47.7154, 0.2911, 0.2466



17.8030, 0.3242, 0.3184



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.



50.3717, 0.3541, 0.2964



50.7483, 0.3662, 0.2894



51.4427, 0.3803, 0.3360



15.8652, 0.3229, 0.3195



10.6423, 0.5353, 0.2723



0.9046, 0.5008, 0.2532

Inverse Universe

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



50.3717, 0.3541, 0.2964



50.7483, 0.3662, 0.2894



73.8873, 0.2677, 0.3218



15.8652, 0.3229, 0.3195



10.6423, 0.5353, 0.2723



0.9046, 0.5008, 0.2532

Previews

White Background



This preview shows how the Yxy color 50.3694, 0.3541, 0.2964 looks on a white background.

Color Contrast Check

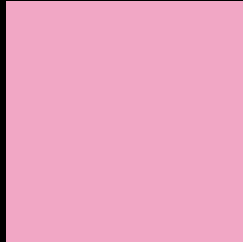
Large Text (above 18pt) WCAG AA × Fail

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 50.3694, 0.3541, 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 50.3694, 0.3541, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 50.3694, 0.3541, 0.2964.



This preview shows how white text looks on a background with the Yxy color 50.3694, 0.3541, 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

50.3694, 0.3541, 0.2964

Protanopia

50.5832, 0.2955, 0.3018

Deuteranopia

50.5994, 0.3218, 0.3157



Tritanopia

50.4776, 0.3655, 0.3159

Trichromacy



Original Color

50.3694, 0.3541, 0.2964



Protanomaly

50.1721, 0.3150, 0.2993



Deuteranomaly

50.1361, 0.3329, 0.3080



Tritanomaly

50.4891, 0.3620, 0.3093

Monochromacy



Original Color

50.3694, 0.3541, 0.2964



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.8777, 0.3268, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3694, 0.3541, 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(241, 167, 197)` looks like.

```
.text, #text, p{  
    color:rgb(241, 167, 197)  
}
```

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(241, 167, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 167, 197) }
```

Border

The CSS property to change the border of an element to Yxy 50.3694, 0.3541, 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(241, 167, 197) }
```

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

```
.border{ border-color:rgb(241, 167, 197) }
```

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

Here you see how a box with a 4 pixel rgb(241, 167, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 167, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 167, 197);  
box-shadow:4px 4px 4px 4px rgb(241, 167,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3694, 0.3541, 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(241, 167, 197) }
```

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

```
.background{ background-color: rgb(241,  
167, 197) }
```

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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