

Converting Colors

$Y_{xy}(50.3119, 0.3513, 0.2861)$

Have a look what the booklet for
Yxy(50.3119, 0.3513, 0.2861)
contains.

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Color

Yxy(50.3230, 0.3518, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	F5A4CC
RGB	245, 164, 204
RGB Percent	96%, 64%, 80%
CMY	0.0394, 0.3567, 0.2001
CMYK	0.00, 0.33, 0.17, 0.04
HSL	330°, 80%, 80%
HSV	330°, 33%, 96%
XYZ	61.8144, 50.3230, 63.5714
YIQ	192.7790, 35.4360, 29.6120

Conversions

Conversions Part 2

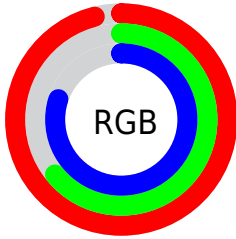
Format	Color
R _Y B	245, 164, 204
Decimal	16098508
CIE Lab	76.27, 35.50, -8.08
CIE LCh	76, 36.403, 347.179
Yxy	50.3230, 0.3518, 0.2864
Android (android.graphics.Color)	4294288588 (0xFFF5A4CC)
YUV	192.7790, 5.5320, 45.7978
Hunter-Lab	70.9387, 31.3981, -3.4754

Details

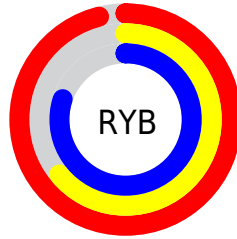
The Yxy color $50.3230, 0.3518, 0.2864$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $77.5749, 0.2860, 0.3763$, and the grayscale version is $53.1443, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6664, 0.3143, 0.2950$, and $24.1357, 0.3614, 0.2753$ is the 20% darker color. If you saturate the color by 10%, you get $41.8124, 0.3688, 0.2734$, and if you desaturate by 10%, it is $60.5740, 0.3374, 0.2998$.

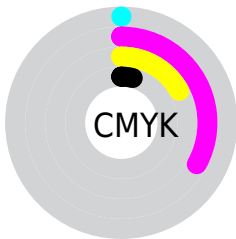
Distribution



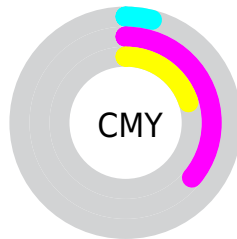
- Red (96%)
- Green (64%)
- Blue (80%)



- Red (96%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3230, 0.3518, 0.2864 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 50.3230, 0.3518, 0.2864 by changing the saturation by 10% instead.


 50.3230, 0.3518,
0.2864


 50.3230, 0.3518,
0.2864


387.9277, 0.3329,
0.3067

 35.6701, 0.3563,
0.2816

 90.6533, 0.3451,
0.2936

 24.1795, 0.3621,
0.2756


 117.0994, 0.3425,
0.2963

 15.4668, 0.3696,
0.2679


148.2455, 0.3403,
0.2987

 9.1477, 0.3797,
0.2575

184.4758, 0.3384,
0.3007

 4.8376, 0.3941,
0.2431

226.1748, 0.3367,
0.3025

 2.1523, 0.4163,
0.2215

273.7268, 0.3353,

 0.6938, 0.4562,

0.3041

0.1832

327.5164, 0.3340,
0.3055

0.0000, 0.8049,
0.0000

0.0000, 0.0000,
0.0000

50.3230, 0.3518,
0.2864

50.3230, 0.3518,
0.2864

41.8124, 0.3688,
0.2734

60.5740, 0.3374,
0.2998

34.9369, 0.3886,
0.2615

72.6489, 0.3254,
0.3129

29.5904, 0.4110,
0.2518

86.6342, 0.3154,
0.3254

25.6516, 0.4354,
0.2457

98.0516, 0.3073,
0.3304

■ 22.9801, 0.4607,
0.2443

■ 98.1424, 0.3065,
0.3290

■ 21.4060, 0.4857,
0.2485

■ 20.7814, 0.5024,
0.2541

Harmonies

Analogous

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



50.3230, 0.3012, 0.2608



50.3230, 0.3518, 0.2864



50.3230, 0.3937, 0.3221

Triad

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



50.3230, 0.3518, 0.2864



50.3230, 0.3655, 0.4176



50.3230, 0.2228, 0.2842

Complementary

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



50.3230, 0.3518, 0.2864



77.5749, 0.2860, 0.3763

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.



50.3230, 0.2370, 0.3282



50.3230, 0.3518, 0.2864



50.3230, 0.3179, 0.4120

Square

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



50.3230, 0.3518, 0.2864



50.3230, 0.4006, 0.3968



50.3230, 0.2710, 0.3775



50.3230, 0.2300, 0.2573

Rectangle

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



50.3230, 0.3518, 0.2864



50.3230, 0.4089, 0.3484



50.3230, 0.2710, 0.3775



50.3230, 0.2252, 0.2973

Sweetspot

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



50.3253, 0.3518, 0.2864



83.9920, 0.3221, 0.3167



46.0600, 0.2836, 0.2384



17.5331, 0.3236, 0.3149



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.



50.3253, 0.3518, 0.2864



48.3715, 0.3635, 0.2771



48.6481, 0.3900, 0.3292



16.6190, 0.3216, 0.3174



11.2290, 0.4987, 0.2521



1.0076, 0.4704, 0.2365

Inverse Universe

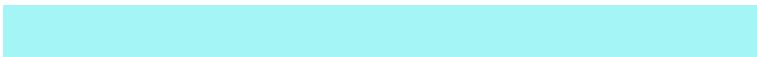
The Inverse Universe completely reimagines the original color for something new.



50.3253, 0.3518, 0.2864



48.3715, 0.3635, 0.2771



79.7564, 0.2656, 0.3289



16.6190, 0.3216, 0.3174



11.2290, 0.4987, 0.2521



1.0076, 0.4704, 0.2365

Previews

White Background



This preview shows how the Yxy color 50.3230, 0.3518, 0.2864 looks on a white background.

Color Contrast Check

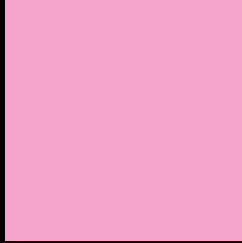
Large Text (above 18pt) WCAG AA × Fail

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 50.3230, 0.3518, 0.2864 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 50.3230, 0.3518, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 50.3230, 0.3518, 0.2864.



This preview shows how white text looks on a background with the Yxy color 50.3230, 0.3518, 0.2864.

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

50.3230, 0.3518, 0.2864

Protanopia

50.7224, 0.2862, 0.2899

Deuteranopia

50.5015, 0.3137, 0.3073



Tritanopia

50.2187, 0.3697, 0.3149

Trichromacy



Original Color

50.3230, 0.3518, 0.2864



Protanomaly

50.2171, 0.3080, 0.2879



Deuteranomaly

50.0666, 0.3271, 0.2989



Tritanomaly

50.3662, 0.3633, 0.3052

Monochromacy



Original Color

50.3230, 0.3518, 0.2864



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.4842, 0.3263, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3230, 0.3518, 0.2864 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, 164, 204)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 204)  
}
```

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, 164, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 204) }
```

Border

The CSS property to change the border of an element to Yxy 50.3230, 0.3518, 0.2864 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, 164, 204) }
```

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

```
.border{ border-color:rgb(245, 164, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 164, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3230, 0.3518, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 204) }
```

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

```
.background{ background-color: rgb(245,  
164, 204) }
```

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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