

Converting Colors

$Y_{xy}(50.1757, 0.3474, 0.2794)$

Have a look what the booklet for
Yxy(50.1757, 0.3474, 0.2794)
contains.

Yxy(50.2103, 0.3474, 0.2802)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.2103, 0.3474, 0.2802)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3D1
RGB	245, 163, 209
RGB Percent	96%, 64%, 82%
CMY	0.0394, 0.3607, 0.1804
CMYK	0.00, 0.33, 0.15, 0.04
HSL	326°, 80%, 80%
HSV	326°, 33%, 96%
XYZ	62.2522, 50.2103, 66.7320
YIQ	192.7620, 34.1060, 31.6900

Conversions

Conversions Part 2

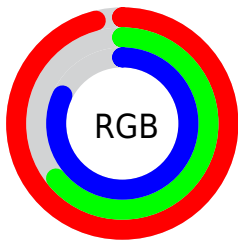
Format	Color
R _Y B	245, 163, 209
Decimal	16098257
CIE Lab	76.20, 36.81, -10.92
CIE LCh	76, 38.399, 343.474
Yxy	50.2103, 0.3474, 0.2802
Android (android.graphics.Color)	4294288337 (0xFFF5A3D1)
YUV	192.7620, 8.0053, 45.8127
Hunter-Lab	70.8592, 32.8145, -6.2352

Details

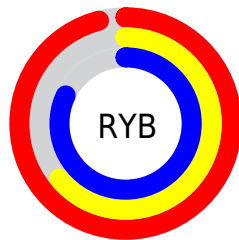
The Yxy color **50.2103, 0.3474, 0.2802** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.1945, 0.2887, 0.3838**, and the grayscale version is **53.1200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **24.0832, 0.3552, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **41.8236, 0.3621, 0.2656**, and if you desaturate by 10%, it is **60.3223, 0.3348, 0.2953**.

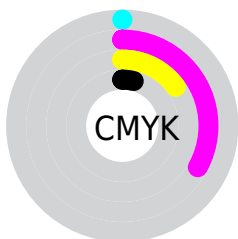
Distribution



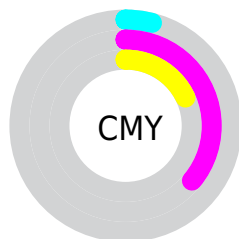
- Red (96%)
- Green (64%)
- Blue (82%)



- Red (96%)
- Yellow (64%)
- Blue (82%)



- Cyan (0%)
- Magenta (33%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2103, 0.3474, 0.2802 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 50.2103, 0.3474, 0.2802 by changing the saturation by 10% instead.


 50.2103, 0.3474,
0.2802


 50.2103, 0.3474,
0.2802


387.4878, 0.3308,
0.3033

 35.5805, 0.3514,
0.2748


 90.4864, 0.3415,
0.2883

 24.1104, 0.3563,
0.2681


 116.9015, 0.3393,
0.2915

 15.4155, 0.3627,
0.2594


148.0138, 0.3373,
0.2941

 9.1115, 0.3713,
0.2480

184.2078, 0.3357,
0.2965

 4.8140, 0.3835,
0.2321

225.8678, 0.3342,
0.2985

 2.1385, 0.4018,
0.2087

273.3782, 0.3329,

 0.6862, 0.4340,

0.3003

0.1684

327.1234, 0.3318,
0.3019

0.0000, 0.6202,
0.0000

0.0000, 0.0000,
0.0000

50.2103, 0.3474,
0.2802

50.2103, 0.3474,
0.2802

41.8236, 0.3621,
0.2656

60.3223, 0.3348,
0.2953

35.0570, 0.3790,
0.2522

72.2431, 0.3242,
0.3101

29.8044, 0.3978,
0.2411

86.0592, 0.3154,
0.3243

25.9440, 0.4182,
0.2337

97.9545, 0.3082,
0.3319

■ 23.3351, 0.4393,
0.2311

■ 98.1458, 0.3065,
0.3290

■ 21.8065, 0.4601,
0.2339

■ 21.2249, 0.4734,
0.2381

Harmonies

Analogous

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



50.2103, 0.2941, 0.2551



50.2103, 0.3474, 0.2802



50.2103, 0.3939, 0.3165

Triad

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



50.2103, 0.3474, 0.2802



50.2103, 0.3737, 0.4210



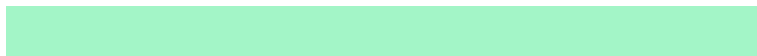
50.2103, 0.2189, 0.2864

Complementary

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



50.2103, 0.3474, 0.2802



77.1945, 0.2887, 0.3838

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.



50.2103, 0.2364, 0.3344



50.2103, 0.3474, 0.2802



50.2103, 0.3243, 0.4195

Square

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



50.2103, 0.3474, 0.2802



50.2103, 0.4083, 0.3960



50.2103, 0.2742, 0.3862



50.2103, 0.2237, 0.2559

Rectangle

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



50.2103, 0.3474, 0.2802



50.2103, 0.4124, 0.3438



50.2103, 0.2742, 0.3862



50.2103, 0.2223, 0.3009

Sweetspot

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



50.2126, 0.3474, 0.2802



84.0957, 0.3210, 0.3150



44.8717, 0.2788, 0.2360



17.5582, 0.3223, 0.3130



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.



50.2126, 0.3474, 0.2802



48.7072, 0.3569, 0.2704



48.4545, 0.3860, 0.3232



16.6383, 0.3205, 0.3158



11.4665, 0.4702, 0.2364



1.0284, 0.4463, 0.2232

Inverse Universe

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



50.2126, 0.3474, 0.2802



48.7072, 0.3569, 0.2704



79.3332, 0.2678, 0.3351



16.6383, 0.3205, 0.3158



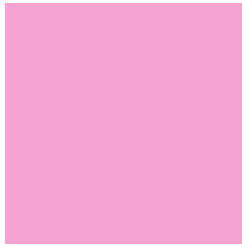
11.4665, 0.4702, 0.2364



1.0284, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 50.2103, 0.3474, 0.2802 looks on a white background.

Color Contrast Check

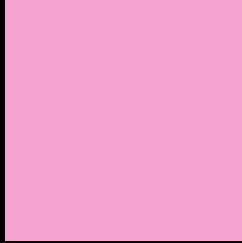
Large Text (above 18pt) WCAG AA × Fail

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 50.2103, 0.3474, 0.2802 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 50.2103, 0.3474, 0.2802

Background



This preview shows how black text looks on a background with the Yxy color 50.2103, 0.3474, 0.2802.



This preview shows how white text looks on a background with the Yxy color 50.2103, 0.3474, 0.2802.

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

50.2103, 0.3474, 0.2802

Protanopia

50.6258, 0.2806, 0.2839

Deuteranopia

50.4169, 0.3090, 0.3024



Tritanopia

50.2187, 0.3697, 0.3149

Trichromacy



Original Color

50.2103, 0.3474, 0.2802



Protanomaly

49.7926, 0.3025, 0.2810



Deuteranomaly

50.1058, 0.3230, 0.2943



Tritanomaly

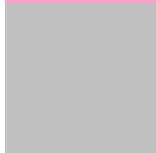
50.0887, 0.3617, 0.3019

Monochromacy



Original Color

50.2103, 0.3474, 0.2802



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.5765, 0.3247, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2103, 0.3474, 0.2802 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, 163, 209)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 209)  
}
```

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, 163, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 209) }
```

Border

The CSS property to change the border of an element to Yxy 50.2103, 0.3474, 0.2802 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, 163, 209) }
```

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

```
.border{ border-color:rgb(245, 163, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 163, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 209);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2103, 0.3474, 0.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 163, 209) }
```

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

```
.background{ background-color: rgb(245,  
163, 209) }
```

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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