

Converting Colors

Yxy(48.4063, 0.3858, 0.3219)

Have a look what the booklet for
Yxy(48.4063, 0.3858, 0.3219)
contains.

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Color

Yxy(48.4714, 0.3855, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F5A3A9
RGB	245, 163, 169
RGB Percent	96%, 64%, 66%
CMY	0.0394, 0.3607, 0.3373
CMYK	0.00, 0.33, 0.31, 0.04
HSL	356°, 80%, 80%
HSV	356°, 33%, 96%
XYZ	57.9043, 48.4714, 43.8300
YIQ	188.2020, 46.9460, 19.2500

Conversions

Conversions Part 2

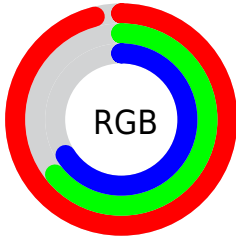
Format	Color
R _Y B	245, 163, 169
Decimal	16098217
CIE Lab	75.12, 31.10, 9.43
CIE LCh	75, 32.500, 16.872
Yxy	48.4714, 0.3855, 0.3227
Android (android.graphics.Color)	4294288297 (0xFF5A3A9)
YUV	188.2020, -9.4666, 49.8118
Hunter-Lab	69.6214, 26.6215, 11.4091

Details

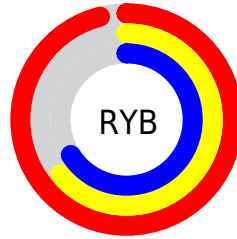
The Yxy color **48.4714, 0.3855, 0.3227** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.3060, 0.2680, 0.3356**, and the grayscale version is **50.4458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3049, 0.3355, 0.3241**, and **23.0010, 0.4066, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **39.8191, 0.4192, 0.3209**, and if you desaturate by 10%, it is **58.9614, 0.3579, 0.3246**.

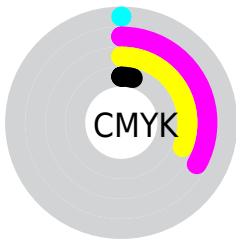
Distribution



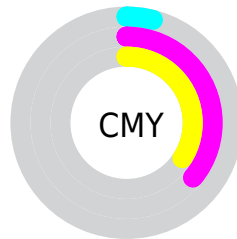
- Red (96%)
- Green (64%)
- Blue (66%)



- Red (96%)
- Yellow (64%)
- Blue (66%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4714, 0.3855, 0.3227 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 48.4714, 0.3855, 0.3227 by changing the saturation by 10% instead.

 48.4714, 0.3855,
0.3227


 48.4714, 0.3855,
0.3227


380.6576, 0.3490,
0.3266

 34.2003, 0.3946,
0.3215


 87.9059, 0.3722,
0.3243

 23.0476, 0.4062,
0.3198


 113.8381, 0.3673,
0.3248

 14.6286, 0.4217,
0.3174


144.4261, 0.3631,
0.3253

 8.5592, 0.4431,
0.3137

180.0543, 0.3595,
0.3256

 4.4548, 0.4745,
0.3074

221.1072, 0.3563,
0.3259

 1.9311, 0.5247,
0.2953

267.9691, 0.3536,

 0.5670, 0.7096,

0.3262

0.2904

321.0245, 0.3512,
0.3264

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4714, 0.3855,
0.3227

48.4714, 0.3855,
0.3227

39.8191, 0.4192,
0.3209

58.9614, 0.3579,
0.3246

32.8921, 0.4592,
0.3195

71.3790, 0.3357,
0.3266

27.5769, 0.5042,
0.3189

85.8165, 0.3180,
0.3284

23.7432, 0.5506,
0.3195

98.1463, 0.3066,
0.3290

■ 21.2404, 0.5922,
0.3215

■ 19.8863, 0.6222,
0.3248

■ 19.4493, 0.6342,
0.3267

Harmonies

Analogous

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



48.4714, 0.3477, 0.2899



48.4714, 0.3855, 0.3227



48.4714, 0.4022, 0.3588

Triad

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



48.4714, 0.3855, 0.3227



48.4714, 0.3182, 0.4036



48.4714, 0.2371, 0.2641

Complementary

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



48.4714, 0.3855, 0.3227



79.3060, 0.2680, 0.3356

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.



48.4714, 0.2308, 0.2892



48.4714, 0.3855, 0.3227



48.4714, 0.2755, 0.3730

Square

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



48.4714, 0.3855, 0.3227



48.4714, 0.3613, 0.4089



48.4714, 0.2442, 0.3290



48.4714, 0.2622, 0.2569

Rectangle

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



48.4714, 0.3855, 0.3227



48.4714, 0.3987, 0.3811



48.4714, 0.2442, 0.3290



48.4714, 0.2328, 0.2705

Sweetspot

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



48.4737, 0.3855, 0.3227



83.3652, 0.3292, 0.3272



50.9950, 0.3110, 0.2444



17.3823, 0.3318, 0.3270



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.



48.4737, 0.3855, 0.3227



46.5950, 0.4072, 0.3215



62.0602, 0.3790, 0.3660



16.5020, 0.3282, 0.3273



10.4883, 0.6324, 0.3257



0.9285, 0.6141, 0.3157

Inverse Universe

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



48.4737, 0.3855, 0.3227



46.5950, 0.4072, 0.3215



60.8809, 0.2600, 0.2886



16.5020, 0.3282, 0.3273



10.4883, 0.6324, 0.3257



0.9285, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 48.4714, 0.3855, 0.3227 looks on a white background.

Color Contrast Check

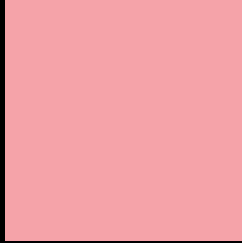
Large Text (above 18pt) WCAG AA × Fail

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 48.4714, 0.3855, 0.3227 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 48.4714, 0.3855, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 48.4714, 0.3855, 0.3227.



This preview shows how white text looks on a background with the Yxy color 48.4714, 0.3855, 0.3227.

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

48.4714, 0.3855, 0.3227

Protanopia

48.9813, 0.3201, 0.3341

Deuteranopia

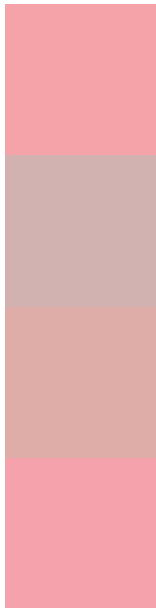
48.6950, 0.3513, 0.3450



Tritanopia

48.4895, 0.3819, 0.3162

Trichromacy



Original Color

48.4714, 0.3855, 0.3227

Protanomaly

48.3202, 0.3421, 0.3291

Deuteranomaly

48.3651, 0.3639, 0.3362

Tritanomaly

48.4120, 0.3838, 0.3183

Monochromacy



Original Color

48.4714, 0.3855, 0.3227

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1317, 0.3374, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4714, 0.3855, 0.3227 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(245, 163, 169)  
}
```

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, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 163, 169) }
```

Border

The CSS property to change the border of an element to Yxy 48.4714, 0.3855, 0.3227 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, 169) }
```

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

```
.border{ border-color:rgb(245, 163, 169) }
```

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, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(245, 163,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4714, 0.3855, 0.3227 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, 169) }
```

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

```
.background{ background-color: rgb(245,  
163, 169) }
```

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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