

Converting Colors

$Y_{xy}(44.7095, 0.3961, 0.3195)$

Have a look what the booklet for
Yxy(44.7095, 0.3961, 0.3195)
contains.

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Color

Yxy(44.8036, 0.3961, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	F599A2
RGB	245, 153, 162
RGB Percent	96%, 60%, 64%
CMY	0.0393, 0.3999, 0.3647
CMYK	0.00, 0.38, 0.34, 0.04
HSL	354°, 82%, 78%
HSV	354°, 38%, 96%
XYZ	55.5626, 44.8036, 39.9080
YIQ	181.5340, 51.9430, 22.3030

Conversions

Conversions Part 2

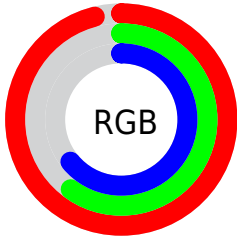
Format	Color
R _Y B	245, 153, 162
Decimal	16095650
CIE Lab	72.76, 35.48, 9.91
CIE LCh	73, 36.834, 15.606
Yxy	44.8036, 0.3961, 0.3194
Android (android.graphics.Color)	4294285730 (0xFFFF599A2)
YUV	181.5340, -9.6303, 55.6597
Hunter-Lab	66.9355, 31.0344, 11.5052

Details

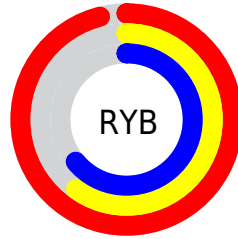
The Yxy color **44.8036, 0.3961, 0.3194** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **78.1170, 0.2646, 0.3393**, and the grayscale version is **46.5469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3815, 0.3421, 0.3199**, and **20.7011, 0.4196, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **36.8736, 0.4314, 0.3171**, and if you desaturate by 10%, it is **54.5222, 0.3670, 0.3220**.

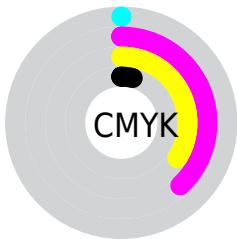
Distribution



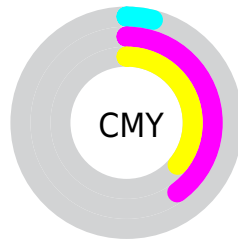
- Red (96%)
- Green (60%)
- Blue (64%)



- Red (96%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (38%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8036, 0.3961, 0.3194 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 44.8036, 0.3961, 0.3194 by changing the saturation by 10% instead.


 44.8036, 0.3961,
0.3194


 44.8036, 0.3961,
0.3194


365.9776, 0.3538,
0.3252

 31.3028, 0.4068,
0.3177


 82.4256, 0.3806,
0.3217

 20.8295, 0.4206,
0.3152


 107.3156, 0.3748,
0.3225

 12.9994, 0.4390,
0.3117


136.7707, 0.3699,
0.3232

 7.4282, 0.4648,
0.3063

171.1754, 0.3658,
0.3237

 3.7313, 0.5031,
0.2971

210.9140, 0.3622,
0.3242

 1.5244, 0.5653,
0.2796

256.3710, 0.3590,

 0.3058, 0.7966,

0.3246

0.2034

307.9307, 0.3562,
0.3249

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.8036, 0.3961,
0.3194

44.8036, 0.3961,
0.3194

36.8736, 0.4314,
0.3171

54.5222, 0.3670,
0.3220

30.6169, 0.4725,
0.3155

66.1223, 0.3434,
0.3247

25.9152, 0.5177,
0.3151

79.6982, 0.3245,
0.3272

22.6320, 0.5625,
0.3164

95.3361, 0.3093,
0.3296

■ 20.6068, 0.6008,
0.3196

■ 98.1474, 0.3066,
0.3290

■ 19.6292, 0.6266,
0.3242

■ 19.4732, 0.6311,
0.3250

Harmonies

Analogous

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



44.8036, 0.3510, 0.2826



44.8036, 0.3961, 0.3194



44.8036, 0.4167, 0.3605

Triad

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



44.8036, 0.3961, 0.3194



44.8036, 0.3206, 0.4178



44.8036, 0.2252, 0.2547

Complementary

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



44.8036, 0.3961, 0.3194



78.1170, 0.2646, 0.3393

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.



44.8036, 0.2188, 0.2838



44.8036, 0.3961, 0.3194



44.8036, 0.2711, 0.3826

Square

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



44.8036, 0.3961, 0.3194



44.8036, 0.3704, 0.4216



44.8036, 0.2347, 0.3307



44.8036, 0.2527, 0.2462

Rectangle

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



44.8036, 0.3961, 0.3194



44.8036, 0.4130, 0.3866



44.8036, 0.2347, 0.3307



44.8036, 0.2206, 0.2621

Sweetspot

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



44.8058, 0.3961, 0.3194



81.8668, 0.3306, 0.3263



47.1748, 0.3092, 0.2338



17.0851, 0.3331, 0.3260



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.



44.8058, 0.3961, 0.3194



42.3391, 0.4222, 0.3176



58.4488, 0.3900, 0.3690



16.5088, 0.3278, 0.3267



10.5023, 0.6289, 0.3238



0.9317, 0.6058, 0.3111

Inverse Universe

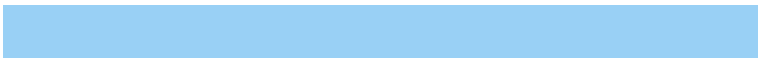
The Inverse Universe completely reimagines the original color for something new.



44.8058, 0.3961, 0.3194



42.3391, 0.4222, 0.3176



58.5703, 0.2539, 0.2847



16.5088, 0.3278, 0.3267



10.5023, 0.6289, 0.3238



0.9317, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 44.8036, 0.3961, 0.3194 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 44.8036, 0.3961, 0.3194 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 44.8036, 0.3961, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 44.8036, 0.3961, 0.3194.



This preview shows how white text looks on a background with the Yxy color 44.8036, 0.3961, 0.3194.

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

44.8036, 0.3961, 0.3194

Protanopia

45.0427, 0.3187, 0.3316

Deuteranopia

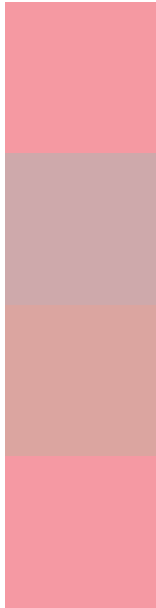
44.8456, 0.3537, 0.3455



Tritanopia

44.8753, 0.3941, 0.3172

Trichromacy



Original Color

44.8036, 0.3961, 0.3194

Protanomaly

44.4380, 0.3454, 0.3266

Deuteranomaly

44.5084, 0.3691, 0.3352

Tritanomaly

44.8393, 0.3951, 0.3183

Monochromacy



Original Color

44.8036, 0.3961, 0.3194

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.2001, 0.3404, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8036, 0.3961, 0.3194 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, 153, 162)` looks like.

```
.text, #text, p{  
    color:rgb(245, 153, 162)  
}
```

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, 153, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 153, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.8036, 0.3961, 0.3194 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, 153, 162) }
```

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

```
.border{ border-color:rgb(245, 153, 162) }
```

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

Here you see how a box with a 4 pixel rgb(245, 153, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(245, 153,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8036, 0.3961, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 153, 162) }
```

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

```
.background{ background-color: rgb(245,  
153, 162) }
```

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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