

Converting Colors

$Y_{xy}(40.5772, 0.4244, 0.3106)$

Have a look what the booklet for
Yxy(40.5772, 0.4244, 0.3106)
contains.

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Color

Yxy(40.5772, 0.4244, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	FF8698
RGB	255, 134, 152
RGB Percent	100%, 53%, 60%
CMY	0.0000, 0.4746, 0.4039
CMYK	0.00, 0.47, 0.40, 0.00
HSL	351°, 100%, 76%
HSV	351°, 47%, 100%
XYZ	55.4442, 40.5772, 34.6200
YIQ	172.2310, 66.3380, 31.2500

Conversions

Conversions Part 2

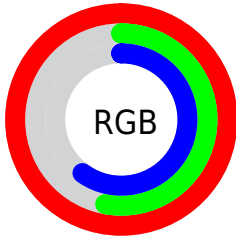
Format	Color
R _Y B	255, 134, 152
Decimal	16746136
CIE Lab	69.88, 47.61, 11.56
CIE LCh	70, 48.992, 13.649
Yxy	40.5772, 0.4244, 0.3106
Android (android.graphics.Color)	4294936216 (0xFFFF8698)
YUV	172.2310, -9.9739, 72.5884
Hunter-Lab	63.7002, 43.8896, 12.3671

Details

The Yxy color **40.5772, 0.4244, 0.3106** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6991, 0.2575, 0.3498**, and the grayscale version is **41.3974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1114, 0.3540, 0.3116**, and **18.2790, 0.4591, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **33.7065, 0.4632, 0.3079**, and if you desaturate by 10%, it is **49.2660, 0.3912, 0.3143**.

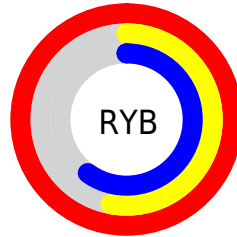
Distribution



Red (100%)

Green (53%)

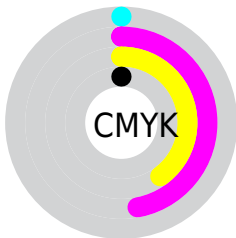
Blue (60%)



Red (100%)

Yellow (53%)

Blue (60%)

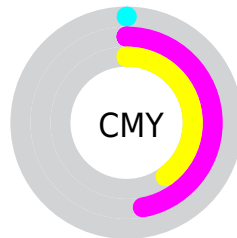


Cyan (0%)

Magenta (47%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5772, 0.4244, 0.3106 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 40.5772, 0.4244, 0.3106 by changing the saturation by 10% instead.


 40.5772, 0.4244,
0.3106

 40.5772, 0.4244,
0.3106


348.5504, 0.3669,
0.3215


 27.9889, 0.4391,
0.3073


 76.0417, 0.4032,
0.3150

 18.3173, 0.4582,
0.3028


 99.6866, 0.3953,
0.3165

 11.1780, 0.4838,
0.2963


 127.7858, 0.3887,
0.3177

 6.1867, 0.5197,
0.2863

160.7237, 0.3830,
0.3188

 2.9589, 0.5729,
0.2694

198.8848, 0.3782,
0.3196

 1.1103, 0.6725,
0.2436

242.6533, 0.3739,

 0.0000, 1.0000,

0.3204


0.0000

292.4137, 0.3702,
0.3210


 0.0000, 0.0000,
0.0000


 40.5772, 0.4244,
0.3106


 40.5772, 0.4244,
0.3106


 33.7065, 0.4632,
0.3079

 49.2660, 0.3912,
0.3143

 28.5390, 0.5062,
0.3069


 59.9079, 0.3638,
0.3183

 24.9205, 0.5498,
0.3083


 72.6056, 0.3416,
0.3224

 22.6760, 0.5888,
0.3126

 87.4597, 0.3237,
0.3263

 21.5788, 0.6174,
0.3191

100.0000, 0.3127,
0.3290

 21.3999, 0.6230,
0.3205

Harmonies

Analogous

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



40.5772, 0.3597, 0.2644



40.5772, 0.4244, 0.3106



40.5772, 0.4546, 0.3635

Triad

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



40.5772, 0.4244, 0.3106



40.5772, 0.3253, 0.4562



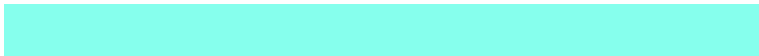
40.5772, 0.1955, 0.2305

Complementary

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



40.5772, 0.4244, 0.3106



82.6991, 0.2575, 0.3498

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.



40.5772, 0.1889, 0.2688



40.5772, 0.4244, 0.3106



40.5772, 0.2587, 0.4091

Square

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



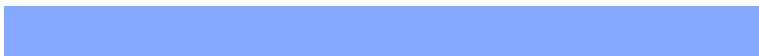
40.5772, 0.4244, 0.3106



40.5772, 0.3921, 0.4537



40.5772, 0.2101, 0.3341



40.5772, 0.2288, 0.2195

Rectangle

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



40.5772, 0.4244, 0.3106



40.5772, 0.4499, 0.3989



40.5772, 0.2101, 0.3341



40.5772, 0.1903, 0.2401

Sweetspot

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



40.5717, 0.4244, 0.3106



77.4952, 0.3350, 0.3237



42.2425, 0.3024, 0.2079



15.9279, 0.3391, 0.3229



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.



40.5717, 0.4244, 0.3106



33.9835, 0.4613, 0.3080



54.1633, 0.4214, 0.3733



18.0312, 0.3271, 0.3255



11.1950, 0.6200, 0.3189



1.1024, 0.5932, 0.3041

Inverse Universe

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



40.5717, 0.4244, 0.3106



33.9835, 0.4613, 0.3080



59.6955, 0.2403, 0.2781



18.0312, 0.3271, 0.3255



11.1950, 0.6200, 0.3189



1.1024, 0.5932, 0.3041

Previews

White Background



This preview shows how the Yxy color 40.5772, 0.4244, 0.3106 looks on a white background.

Color Contrast Check

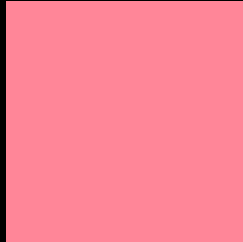
Large Text (above 18pt) WCAG AA × Fail

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 40.5772, 0.4244, 0.3106 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 40.5772, 0.4244, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 40.5772, 0.4244, 0.3106.



This preview shows how white text looks on a background with the Yxy color 40.5772, 0.4244, 0.3106.

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

40.5772, 0.4244, 0.3106

Protanopia

40.7267, 0.3147, 0.3263

Deuteranopia

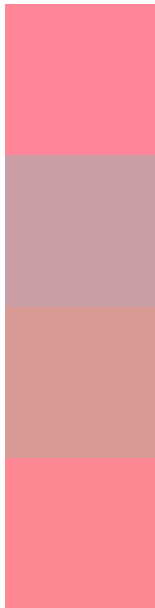
40.7526, 0.3591, 0.3528



Tritanopia

40.4431, 0.4310, 0.3189

Trichromacy



Original Color

40.5772, 0.4244, 0.3106

Protanomaly

39.5271, 0.3508, 0.3189

Deuteranomaly

40.0328, 0.3819, 0.3353

Tritanomaly

40.5369, 0.4275, 0.3158

Monochromacy



Original Color

40.5772, 0.4244, 0.3106

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.7269, 0.3496, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5772, 0.4244, 0.3106 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(255, 134, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 152)  
}
```

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(255, 134, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 152) }
```

Border

The CSS property to change the border of an element to Yxy 40.5772, 0.4244, 0.3106 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(255, 134, 152) }
```

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

```
.border{ border-color:rgb(255, 134, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 134, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5772, 0.4244, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 152) }
```

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

```
.background{ background-color: rgb(255,  
134, 152) }
```

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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