

Converting Colors

$Y_{xy}(40.6649, 0.4001, 0.3106)$

Have a look what the booklet for
Yxy(40.6649, 0.4001, 0.3106)
contains.

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Color

Yxy(40.5500, 0.3996, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	F18E9F
RGB	241, 142, 159
RGB Percent	95%, 56%, 62%
CMY	0.0550, 0.4431, 0.3764
CMYK	0.00, 0.41, 0.34, 0.05
HSL	350°, 78%, 75%
HSV	350°, 41%, 95%
XYZ	52.2029, 40.5500, 37.8850
YIQ	173.5390, 53.5470, 26.2750

Conversions

Conversions Part 2

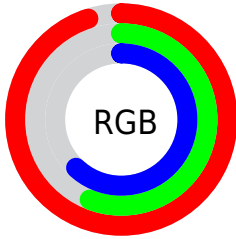
Format	Color
R _Y B	241, 142, 159
Decimal	15830687
CIE Lab	69.86, 39.39, 7.36
CIE LCh	70, 40.069, 10.591
Yxy	40.5500, 0.3996, 0.3104
Android (android.graphics.Color)	4294020767 (0xFFFF18E9F)
YUV	173.5390, -7.1677, 59.1633
Hunter-Lab	63.6789, 34.8933, 9.3013

Details

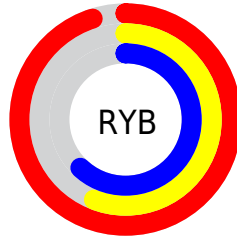
The Yxy color **40.5500, 0.3996, 0.3104** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.0316, 0.2645, 0.3493**, and the grayscale version is **42.0979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0475, 0.3461, 0.3117**, and **18.3401, 0.4250, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **33.5008, 0.4336, 0.3064**, and if you desaturate by 10%, it is **49.2650, 0.3712, 0.3150**.

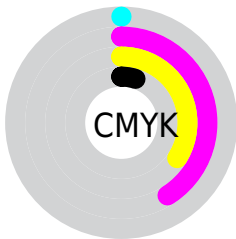
Distribution



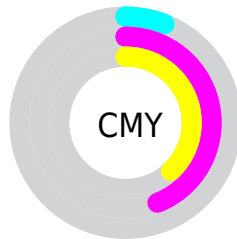
- Red (95%)
- Green (56%)
- Blue (62%)



- Red (95%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (5%)




- Cyan (6%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5500, 0.3996, 0.3104 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 40.5500, 0.3996, 0.3104 by changing the saturation by 10% instead.


 40.5500, 0.3996,
0.3104


 40.5500, 0.3996,
0.3104


348.4363, 0.3549,
0.3207

 27.9676, 0.4111,
0.3075


 76.0003, 0.3831,
0.3144

 18.3013, 0.4261,
0.3036


 99.6370, 0.3770,
0.3158

 11.1665, 0.4463,
0.2981


127.7273, 0.3718,
0.3170

 6.1789, 0.4750,
0.2897

160.6556, 0.3674,
0.3180

 2.9542, 0.5185,
0.2761

198.8063, 0.3636,
0.3188

 1.1079, 0.5943,
0.2523

242.5637, 0.3603,

 0.0000, 1.0000,

0.3196

0.0000

292.3122, 0.3574,
0.3202

0.0000, 0.0000,
0.0000

40.5500, 0.3996,
0.3104

40.5500, 0.3996,
0.3104

33.5008, 0.4336,
0.3064

49.2650, 0.3712,
0.3150

28.0052, 0.4728,
0.3038

59.7367, 0.3480,
0.3197

23.9466, 0.5154,
0.3033

72.0564, 0.3293,
0.3243

21.1893, 0.5575,
0.3057

86.3075, 0.3141,
0.3286

19.5713, 0.5937,
0.3112

97.4373, 0.3041,
0.3290

■ 18.8602, 0.6177,
0.3176

Harmonies

Analogous

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



40.5500, 0.3455, 0.2716



40.5500, 0.3996, 0.3104



40.5500, 0.4282, 0.3554

Triad

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



40.5500, 0.3996, 0.3104



40.5500, 0.3306, 0.4330



40.5500, 0.2126, 0.2497

Complementary

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



40.5500, 0.3996, 0.3104



74.0316, 0.2645, 0.3493

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.



40.5500, 0.2096, 0.2852



40.5500, 0.3996, 0.3104



40.5500, 0.2743, 0.3986

Square

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



40.5500, 0.3996, 0.3104



40.5500, 0.3848, 0.4300



40.5500, 0.2308, 0.3404



40.5500, 0.2391, 0.2371

Rectangle

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



40.5500, 0.3996, 0.3104



40.5500, 0.4276, 0.3852



40.5500, 0.2308, 0.3404



40.5500, 0.2089, 0.2590

Sweetspot

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



40.5520, 0.3996, 0.3104



80.4805, 0.3309, 0.3238



41.3626, 0.3015, 0.2229



16.8129, 0.3332, 0.3232



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.



40.5520, 0.3996, 0.3104



39.4898, 0.4266, 0.3071



50.6742, 0.4033, 0.3639



15.8032, 0.3266, 0.3250



10.2428, 0.6144, 0.3158



0.8648, 0.5808, 0.2973

Inverse Universe

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



40.5520, 0.3996, 0.3104



39.4898, 0.4266, 0.3071



58.0183, 0.2502, 0.2904



15.8032, 0.3266, 0.3250



10.2428, 0.6144, 0.3158



0.8648, 0.5808, 0.2973

Previews

White Background



This preview shows how the Yxy color 40.5500, 0.3996, 0.3104 looks on a white background.

Color Contrast Check

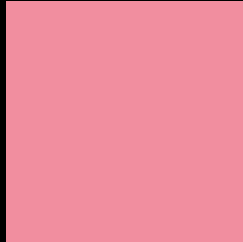
Large Text (above 18pt) WCAG AA × Fail

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 40.5500, 0.3996, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

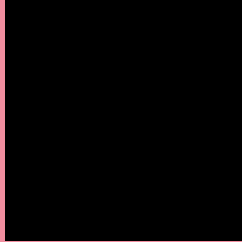
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5500, 0.3996, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 40.5500, 0.3996, 0.3104.



This preview shows how white text looks on a background with the Yxy color 40.5500, 0.3996, 0.3104.

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

40.5500, 0.3996, 0.3104

Protanopia

40.7288, 0.3112, 0.3222

Deuteranopia

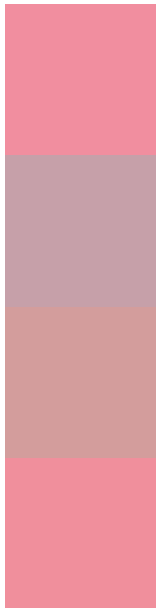
40.7462, 0.3496, 0.3423



Tritanopia

40.5033, 0.4038, 0.3170

Trichromacy



Original Color

40.5500, 0.3996, 0.3104

Protanomaly

40.0120, 0.3414, 0.3175

Deuteranomaly

40.3631, 0.3677, 0.3304

Tritanomaly

40.5705, 0.4016, 0.3148

Monochromacy



Original Color

40.5500, 0.3996, 0.3104

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

40.7110, 0.3410, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5500, 0.3996, 0.3104 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(241, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(241, 142, 159)  
}
```

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(241, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 142, 159) }
```

Border

The CSS property to change the border of an element to Yxy 40.5500, 0.3996, 0.3104 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(241, 142, 159) }
```

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

```
.border{ border-color:rgb(241, 142, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 142, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 142, 159);  
box-shadow:4px 4px 4px 4px rgb(241, 142,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5500, 0.3996, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 142, 159) }
```

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

```
.background{ background-color: rgb(241,  
142, 159) }
```

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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