

Converting Colors

$Y_{xy}(41.5259, 0.4212, 0.3322)$

Have a look what the booklet for
Yxy(41.5259, 0.4212, 0.3322)
contains.

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Color

Yxy(41.6163, 0.4209, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	F5918E
RGB	245, 145, 142
RGB Percent	96%, 57%, 56%
CMY	0.0392, 0.4314, 0.4432
CMYK	0.00, 0.41, 0.42, 0.04
HSL	2°, 84%, 76%
HSV	2°, 42%, 96%
XYZ	52.6648, 41.6163, 30.8431
YIQ	174.5580, 60.5630, 20.2670

Conversions

Conversions Part 2

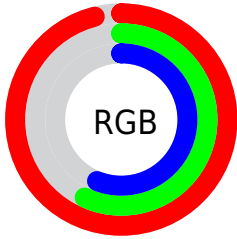
Format	Color
R _Y B	245, 145, 142
Decimal	16093582
CIE Lab	70.61, 37.37, 17.97
CIE LCh	71, 41.470, 25.679
Yxy	41.6163, 0.4209, 0.3326
Android (android.graphics.Color)	4294283662 (0xFFFF5918E)
YUV	174.5580, -16.0511, 61.7776
Hunter-Lab	64.5107, 32.8288, 16.8104

Details

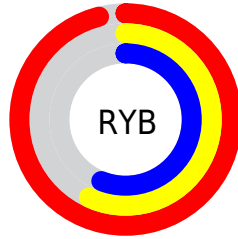
The Yxy color **41.6163, 0.4209, 0.3326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.8402, 0.2547, 0.3253**, and the grayscale version is **42.6914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5541, 0.3598, 0.3333**, and **19.0405, 0.4534, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **34.4380, 0.4623, 0.3333**, and if you desaturate by 10%, it is **50.4817, 0.3860, 0.3317**.

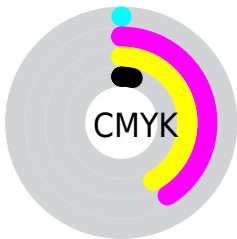
Distribution



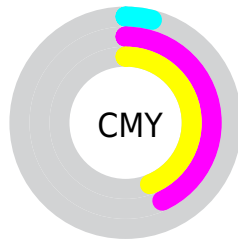
- Red (96%)
- Green (57%)
- Blue (56%)



- Red (96%)
- Yellow (57%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (4%)




- Cyan (4%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6163, 0.4209, 0.3326 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 41.6163, 0.4209, 0.3326 by changing the saturation by 10% instead.


 41.6163, 0.4209,
0.3326

 41.6163, 0.4209,
0.3326


352.8899, 0.3653,
0.3328


 28.8010, 0.4351,
0.3319


 77.6186, 0.4004,
0.3332

 18.9303, 0.4535,
0.3305


 101.5743, 0.3928,
0.3332

 11.6199, 0.4781,
0.3280


 130.0123, 0.3864,
0.3332

 6.4854, 0.5123,
0.3231

163.3169, 0.3809,
0.3332

 3.1424, 0.5626,
0.3128

201.8726, 0.3762,
0.3331

 1.2065, 0.6851,
0.3092

246.0637, 0.3721,

 0.0670, 0.9362,

0.3330

0.0638

296.2747, 0.3685,
0.3329

0.0000, 0.0000,
0.0000

41.6163, 0.4209,
0.3326

41.6163, 0.4209,
0.3326

34.4380, 0.4623,
0.3333

50.4817, 0.3860,
0.3317

28.8342, 0.5088,
0.3338

61.1251, 0.3574,
0.3308

24.6885, 0.5562,
0.3337

73.6384, 0.3344,
0.3300

21.8655, 0.5979,
0.3331

88.1052, 0.3160,
0.3292

20.2049, 0.6266,
0.3319

98.1535, 0.3066,
0.3290

■ 19.5692, 0.6386,
0.3312

Harmonies

Analogous

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



41.6163, 0.3763, 0.2889



41.6163, 0.4209, 0.3326



41.6163, 0.4322, 0.3790

Triad

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



41.6163, 0.4209, 0.3326



41.6163, 0.3011, 0.4228



41.6163, 0.2210, 0.2384

Complementary

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



41.6163, 0.4209, 0.3326



75.8402, 0.2547, 0.3253

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.



41.6163, 0.2057, 0.2628



41.6163, 0.4209, 0.3326



41.6163, 0.2484, 0.3717

Square

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



41.6163, 0.4209, 0.3326



41.6163, 0.3598, 0.4389



41.6163, 0.2148, 0.3102



41.6163, 0.2592, 0.2368

Rectangle

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



41.6163, 0.4209, 0.3326



41.6163, 0.4198, 0.4071



41.6163, 0.2148, 0.3102



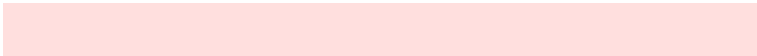
41.6163, 0.2132, 0.2439

Sweetspot

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



41.6184, 0.4209, 0.3326



79.2055, 0.3365, 0.3300



45.2445, 0.3190, 0.2271



16.2756, 0.3412, 0.3302



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.



41.6184, 0.4209, 0.3326



39.1008, 0.4538, 0.3332



60.4922, 0.3966, 0.3863



16.5602, 0.3293, 0.3297



10.5762, 0.6380, 0.3316



0.9564, 0.6327, 0.3359

Inverse Universe

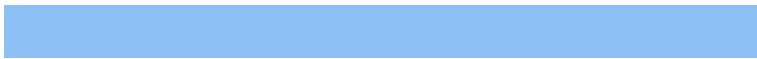
The Inverse Universe completely reimagines the original color for something new.



75.8402, 0.2547, 0.3253



80.9314, 0.2464, 0.3245



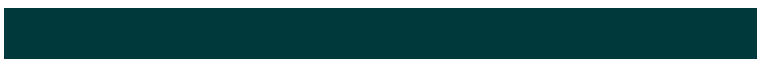
49.9453, 0.2444, 0.2629



18.6696, 0.2981, 0.3283



36.4770, 0.2222, 0.3198



3.2317, 0.2225, 0.3210

Previews

White Background



This preview shows how the Yxy color 41.6163, 0.4209, 0.3326 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 41.6163, 0.4209, 0.3326 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 41.6163, 0.4209, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 41.6163, 0.4209, 0.3326.



This preview shows how white text looks on a background with the Yxy color 41.6163, 0.4209, 0.3326.

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

41.6163, 0.4209, 0.3326

Protanopia

41.9907, 0.3336, 0.3522

Deuteranopia

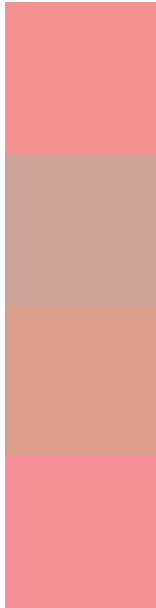
41.6640, 0.3732, 0.3652



Tritanopia

41.5708, 0.4096, 0.3173

Trichromacy



Original Color

41.6163, 0.4209, 0.3326

Protanomaly

41.2661, 0.3638, 0.3445

Deuteranomaly

41.2232, 0.3915, 0.3524

Tritanomaly

41.7414, 0.4136, 0.3228

Monochromacy



Original Color

41.6163, 0.4209, 0.3326

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.4746, 0.3482, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6163, 0.4209, 0.3326 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, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 145, 142)  
}
```

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, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 145, 142) }
```

Border

The CSS property to change the border of an element to Yxy 41.6163, 0.4209, 0.3326 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, 145, 142) }
```

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

```
.border{ border-color:rgb(245, 145, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 145,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6163, 0.4209, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 145, 142) }
```

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

```
.background{ background-color: rgb(245,  
145, 142) }
```

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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