

Converting Colors

$Y_{xy}(47.3657, 0.3450, 0.2589)$

Have a look what the booklet for
Yxy(47.3657, 0.3450, 0.2589)
contains.

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Color

Yxy(47.1986, 0.3455, 0.2589)

Conversions

Conversions Part 1

Format	Color
Hex	FA96DA
RGB	250, 150, 218
RGB Percent	98%, 59%, 85%
CMY	0.0196, 0.4117, 0.1451
CMYK	0.00, 0.40, 0.13, 0.02
HSL	319°, 91%, 78%
HSV	319°, 40%, 98%
XYZ	62.9862, 47.1986, 72.1196
YIQ	187.6520, 37.7720, 42.3480

Conversions

Conversions Part 2

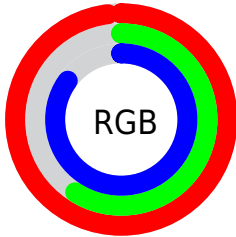
Format	Color
R _Y B	250, 150, 218
Decimal	16422618
CIE Lab	74.32, 46.62, -18.62
CIE LCh	74, 50.204, 338.229
Yxy	47.1986, 0.3455, 0.2589
Android (android.graphics.Color)	4294612698 (0xFFFA96DA)
YUV	187.6520, 14.9616, 54.6792
Hunter-Lab	68.7012, 43.4239, -14.1492

Details

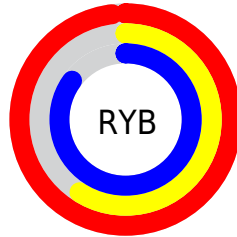
The Yxy color $47.1986, 0.3455, 0.2589$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $78.2356, 0.2907, 0.4120$, and the grayscale version is $49.9808, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.6226, 0.3150, 0.2811$, and $22.2166, 0.3537, 0.2416$ is the 20% darker color. If you saturate the color by 10%, you get $39.6461, 0.3570, 0.2424$, and if you desaturate by 10%, it is $56.4776, 0.3354, 0.2766$.

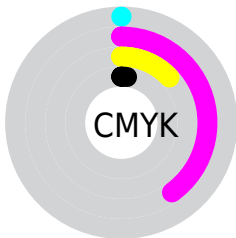
Distribution



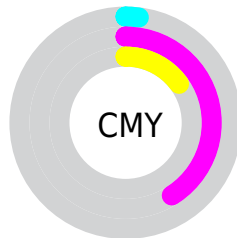
- Red (98%)
- Green (59%)
- Blue (85%)



- Red (98%)
- Yellow (59%)
- Blue (85%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1986, 0.3455, 0.2589 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 47.1986, 0.3455, 0.2589 by changing the saturation by 10% instead.


 47.1986, 0.3455,
0.2589

 47.1986, 0.3455,
0.2589


375.6067, 0.3302,
0.2917

 33.1927, 0.3490,
0.2514


 86.0100, 0.3402,
0.2703

 22.2741, 0.3534,
0.2420


 111.5843, 0.3381,
0.2747

 14.0584, 0.3589,
0.2302


141.7834, 0.3363,
0.2786

 8.1613, 0.3661,
0.2148

176.9919, 0.3348,
0.2819

 4.1983, 0.3759,
0.1939

217.5941, 0.3334,
0.2848

 1.7851, 0.3898,
0.1642

263.9743, 0.3322,

 0.4779, 0.4160,

0.2873

0.1082

316.5171, 0.3311,
0.2896

0.0000, 0.4669,
0.0000

0.0000, 0.0000,
0.0000

47.1986, 0.3455,
0.2589

47.1986, 0.3455,
0.2589

39.6461, 0.3570,
0.2424

56.4776, 0.3354,
0.2766

33.7039, 0.3696,
0.2280

67.5763, 0.3266,
0.2945

29.2522, 0.3831,
0.2169

80.5892, 0.3191,
0.3121

26.1511, 0.3971,
0.2101

95.6020, 0.3127,
0.3290

■ 24.2342, 0.4110,
0.2083

■ 99.0646, 0.3096,
0.3290

■ 23.2267, 0.4245,
0.2112

■ 23.2267, 0.4245,
0.2112

Harmonies

Analogous

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



47.1986, 0.2757, 0.2304



47.1986, 0.3455, 0.2589



47.1986, 0.4120, 0.3023

Triad

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



47.1986, 0.3455, 0.2589



47.1986, 0.4008, 0.4459



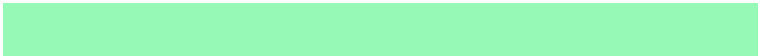
47.1986, 0.1933, 0.2802

Complementary

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



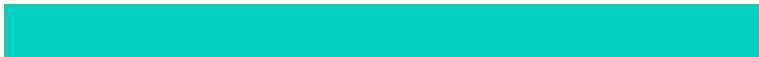
47.1986, 0.3455, 0.2589



78.2356, 0.2907, 0.4120

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.



47.1986, 0.2193, 0.3475



47.1986, 0.3455, 0.2589



47.1986, 0.3376, 0.4558

Square

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



47.1986, 0.3455, 0.2589



47.1986, 0.4431, 0.4052



47.1986, 0.2711, 0.4182



47.1986, 0.1949, 0.2376

Rectangle

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



47.1986, 0.3455, 0.2589



47.1986, 0.4412, 0.3361



47.1986, 0.2711, 0.4182



47.1986, 0.1988, 0.3004

Sweetspot

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



47.2008, 0.3455, 0.2589



81.3918, 0.3205, 0.3086



38.6216, 0.2612, 0.2129



17.0269, 0.3214, 0.3063



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.



47.2008, 0.3455, 0.2589



42.8747, 0.3546, 0.2454



44.9786, 0.3953, 0.3096



17.4245, 0.3187, 0.3130



12.3471, 0.4224, 0.2101



1.1629, 0.4072, 0.2017

Inverse Universe

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



47.2008, 0.3455, 0.2589



42.8747, 0.3546, 0.2454



80.6654, 0.2660, 0.3501



17.4245, 0.3187, 0.3130



12.3471, 0.4224, 0.2101



1.1629, 0.4072, 0.2017

Previews

White Background



This preview shows how the Yxy color 47.1986, 0.3455, 0.2589 looks on a white background.

Color Contrast Check

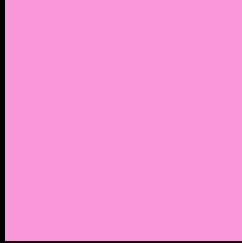
Large Text (above 18pt) WCAG AA × Fail

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 47.1986, 0.3455, 0.2589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

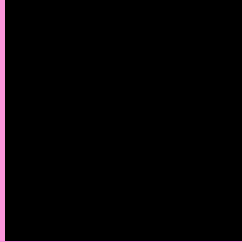
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1986, 0.3455, 0.2589

Background



This preview shows how black text looks on a background with the Yxy color 47.1986, 0.3455, 0.2589.



This preview shows how white text looks on a background with the Yxy color 47.1986, 0.3455, 0.2589.

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

47.1986, 0.3455, 0.2589

Protanopia

47.5545, 0.2607, 0.2573

Deuteranopia

47.6091, 0.2932, 0.2871



Tritanopia

47.1490, 0.3849, 0.3161

Trichromacy



Original Color

47.1986, 0.3455, 0.2589



Protanomaly

46.4460, 0.2871, 0.2566



Deuteranomaly

46.6132, 0.3109, 0.2743



Tritanomaly

47.1819, 0.3706, 0.2948

Monochromacy



Original Color

47.1986, 0.3455, 0.2589



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.2445, 0.3246, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1986, 0.3455, 0.2589 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(250, 150, 218)` looks like.

```
.text, #text, p{  
    color:rgb(250, 150, 218)  
}
```

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(250, 150, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 150, 218) }
```

Border

The CSS property to change the border of an element to Yxy 47.1986, 0.3455, 0.2589 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(250, 150, 218) }
```

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

```
.border{ border-color:rgb(250, 150, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 150, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 150, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 150, 218);  
box-shadow:4px 4px 4px 4px rgb(250, 150,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1986, 0.3455, 0.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 150, 218) }
```

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

```
.background{ background-color: rgb(250,  
150, 218) }
```

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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