

Converting Colors

$Y_{xy}(50.1214, 0.3355, 0.2604)$

Have a look what the booklet for
Yxy(50.1214, 0.3355, 0.2604)
contains.

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Color

Yxy(50.0067, 0.3354, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	F79FE1
RGB	247, 159, 225
RGB Percent	97%, 62%, 88%
CMY	0.0315, 0.3764, 0.1178
CMYK	0.00, 0.36, 0.09, 0.03
HSL	315°, 85%, 80%
HSV	315°, 36%, 97%
XYZ	64.3354, 50.0067, 77.4749
YIQ	192.8360, 31.2620, 39.1820

Conversions

Conversions Part 2

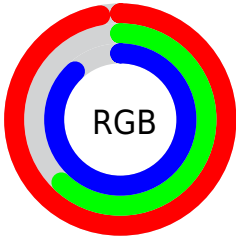
Format	Color
R _Y B	247, 159, 225
Decimal	16228321
CIE Lab	76.07, 42.14, -19.80
CIE LCh	76, 46.563, 334.829
Yxy	50.0067, 0.3354, 0.2607
Android (android.graphics.Color)	4294418401 (0xFFFF79FE1)
YUV	192.8360, 15.8569, 47.5018
Hunter-Lab	70.7154, 38.6437, -15.4566

Details

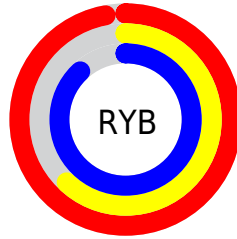
The Yxy color **50.0067, 0.3354, 0.2607** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.2145, 0.2961, 0.4090**, and the grayscale version is **53.1201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **24.0292, 0.3396, 0.2444** is the 20% darker color. If you saturate the color by 10%, you get **42.0139, 0.3439, 0.2421**, and if you desaturate by 10%, it is **59.7131, 0.3278, 0.2802**.

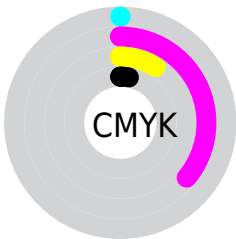
Distribution



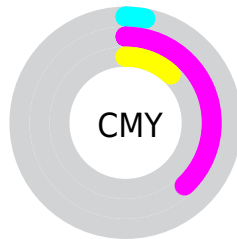
- Red (97%)
- Green (62%)
- Blue (88%)



- Red (97%)
- Yellow (62%)
- Blue (88%)



- Cyan (0%)
- Magenta (36%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (38%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0067, 0.3354, 0.2607 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 50.0067, 0.3354, 0.2607 by changing the saturation by 10% instead.


 50.0067, 0.3354,
0.2607

 50.0067, 0.3354,
0.2607


386.6921, 0.3251,
0.2924

 35.4187, 0.3377,
0.2535


 90.1848, 0.3319,
0.2717

 23.9856, 0.3405,
0.2446


 116.5437, 0.3305,
0.2760

 15.3229, 0.3439,
0.2333


147.5951, 0.3293,
0.2796

 9.0463, 0.3483,
0.2187

183.7232, 0.3283,
0.2829

 4.7714, 0.3540,
0.1990

225.3126, 0.3273,
0.2857

 2.1138, 0.3616,
0.1713

272.7477, 0.3265,

 0.6724, 0.3729,

0.2882

0.1274

326.4127, 0.3258,
0.2904

0.0000, 0.4032,
0.0000

0.0000, 0.0000,
0.0000

50.0067, 0.3354,
0.2607

50.0067, 0.3354,
0.2607

42.0139, 0.3439,
0.2421

59.7131, 0.3278,
0.2802

35.6262, 0.3532,
0.2253

71.2196, 0.3212,
0.2997

30.7332, 0.3632,
0.2115

84.6150, 0.3155,
0.3187

27.2079, 0.3735,
0.2015

98.1711, 0.3108,
0.3341

■ 24.9018, 0.3837,
0.1962

■ 98.5088, 0.3078,
0.3290

■ 23.6314, 0.3937,
0.1957

■ 23.2798, 0.3979,
0.1966

Harmonies

Analogous

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



50.0067, 0.2727, 0.2362



50.0067, 0.3354, 0.2607



50.0067, 0.3972, 0.2999

Triad

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



50.0067, 0.3354, 0.2607



50.0067, 0.3996, 0.4332



50.0067, 0.2043, 0.2912

Complementary

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



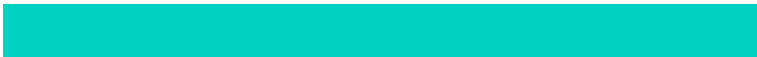
50.0067, 0.3354, 0.2607



77.2145, 0.2961, 0.4090

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.



50.0067, 0.2316, 0.3538



50.0067, 0.3354, 0.2607



50.0067, 0.3433, 0.4448

Square

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



50.0067, 0.3354, 0.2607



50.0067, 0.4345, 0.3950



50.0067, 0.2818, 0.4152



50.0067, 0.2027, 0.2487

Rectangle

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



50.0067, 0.3354, 0.2607



50.0067, 0.4261, 0.3310



50.0067, 0.2818, 0.4152



50.0067, 0.2105, 0.3105

Sweetspot

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



50.0090, 0.3354, 0.2607



82.9471, 0.3185, 0.3085



41.3443, 0.2636, 0.2259



17.3420, 0.3193, 0.3059



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.



50.0090, 0.3354, 0.2607



47.1956, 0.3417, 0.2467



47.9110, 0.3767, 0.3054



16.6933, 0.3176, 0.3114



12.3391, 0.3964, 0.1957



1.1008, 0.3848, 0.1894

Inverse Universe

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



50.0090, 0.3354, 0.2607



47.1956, 0.3417, 0.2467



79.3127, 0.2732, 0.3544



16.6933, 0.3176, 0.3114



12.3391, 0.3964, 0.1957



1.1008, 0.3848, 0.1894

Previews

White Background



This preview shows how the Yxy color 50.0067, 0.3354, 0.2607 looks on a white background.

Color Contrast Check

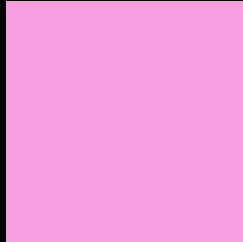
Large Text (above 18pt) WCAG AA × Fail

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 50.0067, 0.3354, 0.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

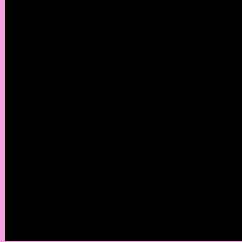
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0067, 0.3354, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 50.0067, 0.3354, 0.2607.



This preview shows how white text looks on a background with the Yxy color 50.0067, 0.3354, 0.2607.

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

50.0067, 0.3354, 0.2607

Protanopia

50.5337, 0.2631, 0.2601

Deuteranopia

50.0346, 0.2900, 0.2833



Tritanopia

50.1778, 0.3706, 0.3160

Trichromacy



Original Color

50.0067, 0.3354, 0.2607



Protanomaly

49.4445, 0.2862, 0.2591



Deuteranomaly

49.3949, 0.3061, 0.2739



Tritanomaly

50.1289, 0.3582, 0.2956

Monochromacy



Original Color

50.0067, 0.3354, 0.2607



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.6017, 0.3208, 0.3011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0067, 0.3354, 0.2607 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(247, 159, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 159, 225)  
}
```

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(247, 159, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 159, 225) }
```

Border

The CSS property to change the border of an element to Yxy 50.0067, 0.3354, 0.2607 is called "border". The border property can be set on classes, ids or directly on the HTML element.

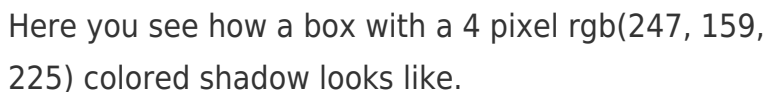
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 159, 225) }
```

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

```
.border{ border-color:rgb(247, 159, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 159, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 159, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 159, 225); box-shadow:4px 4px 4px 4px rgb(247, 159, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0067, 0.3354, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 159, 225) }
```

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

```
.background{ background-color: rgb(247,  
159, 225) }
```

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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