

Converting Colors

Yxy(61.5074, 0.3388, 0.3079)

Have a look what the booklet for
Yxy(61.5074, 0.3388, 0.3079)
contains.

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Color

Yxy(61.5074, 0.3388, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	F3C0D4
RGB	243, 192, 212
RGB Percent	95%, 75%, 83%
CMY	0.0473, 0.2469, 0.1687
CMYK	0.00, 0.21, 0.13, 0.05
HSL	336°, 68%, 85%
HSV	336°, 21%, 95%
XYZ	67.6801, 61.5074, 70.5767
YIQ	209.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

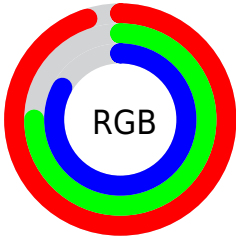
Format	Color
R _Y B	243, 192, 212
Decimal	15974612
CIE Lab	82.65, 21.27, -3.00
CIE LCh	83, 21.481, 351.974
Yxy	61.5074, 0.3388, 0.3079
Android (android.graphics.Color)	4294164692 (0xFFFF3C0D4)
YUV	209.5290, 1.2182, 29.3541
Hunter-Lab	78.4267, 16.7941, 1.5432

Details

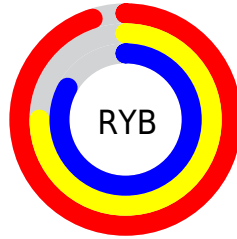
The Yxy color **61.5074, 0.3388, 0.3079** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6096, 0.2923, 0.3512**, and the grayscale version is **64.1031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **31.0504, 0.3456, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **50.9934, 0.3555, 0.2972**, and if you desaturate by 10%, it is **73.8563, 0.3250, 0.3183**.

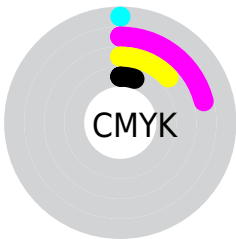
Distribution



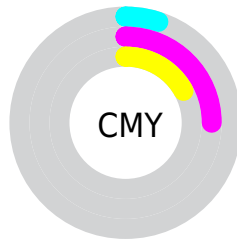
- Red (95%)
- Green (75%)
- Blue (83%)



- Red (95%)
- Yellow (75%)
- Blue (83%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5074, 0.3388, 0.3079 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 61.5074, 0.3388, 0.3079 by changing the saturation by 10% instead.


 61.5074, 0.3388,
0.3079

 61.5074, 0.3388,
0.3079

430.1320, 0.3264,
0.3178

 44.6348, 0.3417,
0.3056


 107.0133, 0.3344,
0.3114

 31.1699, 0.3453,
0.3027


136.4153, 0.3328,
0.3127

 20.7282, 0.3500,
0.2990


170.7626, 0.3313,
0.3139

 12.9255, 0.3562,
0.2941

210.4396, 0.3301,
0.3149

 7.3773, 0.3650,
0.2874

255.8306, 0.3290,
0.3158

 3.6991, 0.3780,
0.2774

307.3201, 0.3280,

 1.5067, 0.3997,

0.3165

0.2611

365.2924, 0.3272,
0.3172

0.2935, 0.4924,
0.1811

0.0000, 0.0000,
0.0000

61.5074, 0.3388,
0.3079

61.5074, 0.3388,
0.3079

50.9934, 0.3555,
0.2972

73.8563, 0.3250,
0.3183

42.2177, 0.3757,
0.2867

88.1139, 0.3137,
0.3281

35.0877, 0.3994,
0.2770

97.7859, 0.3053,
0.3290

29.4986, 0.4268,
0.2692

■ 25.3334, 0.4570,
0.2646

■ 22.4581, 0.4887,
0.2643

■ 20.7125, 0.5197,
0.2693

■ 19.8753, 0.5454,
0.2778

Harmonies

Analogous

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



61.5074, 0.3114, 0.2914



61.5074, 0.3388, 0.3079



61.5074, 0.3596, 0.3298

Triad

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



61.5074, 0.3388, 0.3079



61.5074, 0.3391, 0.3778



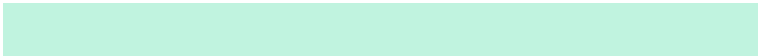
61.5074, 0.2610, 0.3020

Complementary

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



61.5074, 0.3388, 0.3079



80.6096, 0.2923, 0.3512

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.



61.5074, 0.2678, 0.3253



61.5074, 0.3388, 0.3079



61.5074, 0.3122, 0.3710

Square

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



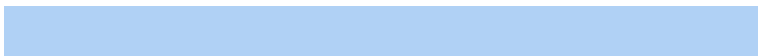
61.5074, 0.3388, 0.3079



61.5074, 0.3595, 0.3704



61.5074, 0.2862, 0.3512



61.5074, 0.2673, 0.2873

Rectangle

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



61.5074, 0.3388, 0.3079



61.5074, 0.3664, 0.3452



61.5074, 0.2862, 0.3512



61.5074, 0.2618, 0.3090

Sweetspot

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



61.5102, 0.3388, 0.3079



90.0387, 0.3191, 0.3232



59.8017, 0.2997, 0.2743



19.0501, 0.3199, 0.3226



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.



61.5102, 0.3388, 0.3079



63.6002, 0.3453, 0.3035



62.8404, 0.3539, 0.3346



16.5900, 0.3232, 0.3198



10.9379, 0.5413, 0.2756



0.9809, 0.5078, 0.2571

Inverse Universe

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



61.5102, 0.3388, 0.3079



63.6002, 0.3453, 0.3035



78.7449, 0.2811, 0.3233



16.5900, 0.3232, 0.3198



10.9379, 0.5413, 0.2756



0.9809, 0.5078, 0.2571

Previews

White Background



This preview shows how the Yxy color 61.5074, 0.3388, 0.3079 looks on a white background.

Color Contrast Check

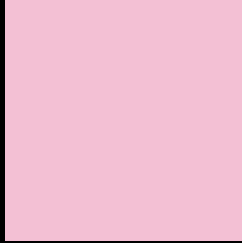
Large Text (above 18pt) WCAG AA × Fail

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 61.5074, 0.3388, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

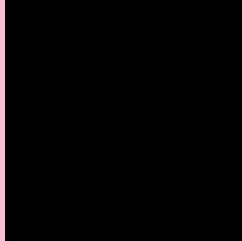
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5074, 0.3388, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 61.5074, 0.3388, 0.3079.



This preview shows how white text looks on a background with the Yxy color 61.5074, 0.3388, 0.3079.

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

61.5074, 0.3388, 0.3079

Protanopia

61.9518, 0.3031, 0.3119

Deuteranopia

61.8590, 0.3234, 0.3168



Tritanopia

61.5712, 0.3410, 0.3131

Trichromacy



Original Color

61.5074, 0.3388, 0.3079

Protanomaly

61.3784, 0.3152, 0.3100

Deuteranomaly

61.6246, 0.3293, 0.3137

Tritanomaly

61.6206, 0.3403, 0.3120

Monochromacy



Original Color

61.5074, 0.3388, 0.3079

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.9446, 0.3216, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5074, 0.3388, 0.3079 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(243, 192, 212)` looks like.

```
.text, #text, p{  
    color:rgb(243, 192, 212)  
}
```

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(243, 192, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 192, 212) }
```

Border

The CSS property to change the border of an element to Yxy 61.5074, 0.3388, 0.3079 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(243, 192, 212) }
```

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

```
.border{ border-color:rgb(243, 192, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 192, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 192, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 192, 212);  
box-shadow:4px 4px 4px 4px rgb(243, 192,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5074, 0.3388, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 192, 212) }
```

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

```
.background{ background-color: rgb(243,  
192, 212) }
```

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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