

Converting Colors

Yxy(58.1400, 0.3144, 0.2601)

Have a look what the booklet for
Yxy(58.1400, 0.3144, 0.2601)
contains.

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Color

Yxy(58.3681, 0.3144, 0.2600)

Conversions

Conversions Part 1

Format	Color
Hex	F5B3F7
RGB	245, 179, 247
RGB Percent	96%, 70%, 97%
CMY	0.0390, 0.2981, 0.0314
CMYK	0.01, 0.28, 0.00, 0.03
HSL	298°, 81%, 84%
HSV	298°, 28%, 97%
XYZ	70.5805, 58.3681, 95.5441
YIQ	206.4860, 17.5080, 35.1400

Conversions

Conversions Part 2

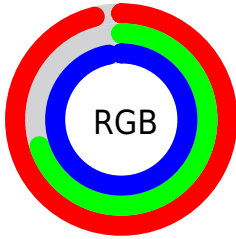
Format	Color
R _Y B	245, 179, 247
Decimal	16102391
CIE Lab	80.94, 34.92, -24.33
CIE LCh	81, 42.561, 325.132
Yxy	58.3681, 0.3144, 0.2600
Android (android.graphics.Color)	4294292471 (0xFFFF5B3F7)
YUV	206.4860, 19.9734, 33.7768
Hunter-Lab	76.3990, 31.2072, -20.6684

Details

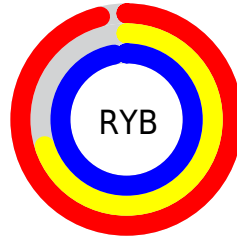
The Yxy color **58.3681, 0.3144, 0.2600** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.5919, 0.3102, 0.4085**, and the grayscale version is **61.9134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.1202, 0.3135, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **49.2155, 0.3148, 0.2354**, and if you desaturate by 10%, it is **69.2995, 0.3138, 0.2853**.

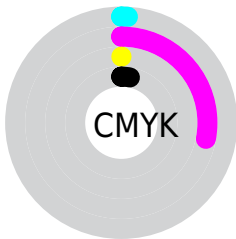
Distribution



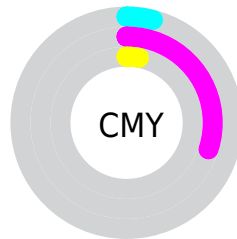
- Red (96%)
- Green (70%)
- Blue (97%)



- Red (96%)
- Yellow (70%)
- Blue (97%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (3%)





- Cyan (4%)
- Magenta (30%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3681, 0.3144, 0.2600 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 58.3681, 0.3144, 0.2600 by changing the saturation by 10% instead.


 58.3681, 0.3144,
0.2600

 58.3681, 0.3144,
0.2600


418.5562, 0.3144,
0.2912

 42.1047, 0.3142,
0.2531


 102.4587, 0.3145,
0.2707

 29.1832, 0.3140,
0.2446

131.0546, 0.3145,
0.2749

 19.2195, 0.3135,
0.2341


164.5302, 0.3145,
0.2785

 11.8290, 0.3126,
0.2206

203.2698, 0.3145,
0.2817

 6.6273, 0.3110,
0.2029

247.6578, 0.3145,
0.2845

 3.2302, 0.3078,
0.1787


298.0786, 0.3144,

 1.2530, 0.3012,


0.2870


0.1440


354.9166, 0.3144,
0.2892

 0.1044, 0.3036,
0.0331


 0.0000, 0.0000,
0.0000


 58.3681, 0.3144,
0.2600


 58.3681, 0.3144,
0.2600


 49.2155, 0.3148,
0.2354


 69.2995, 0.3138,
0.2853


 41.7393, 0.3151,
0.2125


 82.0896, 0.3132,
0.3105

 35.8386, 0.3152,
0.1922


 96.8229, 0.3125,
0.3349

 31.3985, 0.3152,
0.1756

 98.1707, 0.3129,
0.3367


 28.2883, 0.3149,
0.1630


 98.2998, 0.3133,
0.3367

 26.3545, 0.3144,
0.1549


 98.4294, 0.3138,
0.3367

 25.3943, 0.3138,
0.1508

 98.5595, 0.3142,
0.3367

 25.2320, 0.3137,
0.1502

 98.6901, 0.3147,
0.3367

 98.8211, 0.3151,
0.3367

Harmonies

Analogous

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



58.3681, 0.2627, 0.2434



58.3681, 0.3144, 0.2600



58.3681, 0.3702, 0.2914

Triad

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



58.3681, 0.3144, 0.2600



58.3681, 0.4017, 0.4119



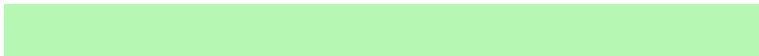
58.3681, 0.2227, 0.3132

Complementary

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



58.3681, 0.3144, 0.2600



79.5919, 0.3102, 0.4085

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.



58.3681, 0.2545, 0.3691



58.3681, 0.3144, 0.2600



58.3681, 0.3575, 0.4295

Square

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



58.3681, 0.3144, 0.2600



58.3681, 0.4226, 0.3752



58.3681, 0.3035, 0.4148



58.3681, 0.2135, 0.2690

Rectangle

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



58.3681, 0.3144, 0.2600



58.3681, 0.4004, 0.3180



58.3681, 0.3035, 0.4148



58.3681, 0.2309, 0.3314

Sweetspot

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



58.3706, 0.3144, 0.2600



87.5575, 0.3133, 0.3093



49.4447, 0.2648, 0.2520



18.2724, 0.3134, 0.3056



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.



58.3706, 0.3144, 0.2600



57.0962, 0.3147, 0.2463



56.9260, 0.3413, 0.2910



16.7428, 0.3133, 0.3057



13.3552, 0.3138, 0.1502



1.1813, 0.3147, 0.1508

Inverse Universe

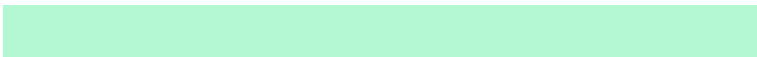
The Inverse Universe completely reimagines the original color for something new.



55.3394, 0.3712, 0.3271



53.3561, 0.3878, 0.3267



80.7943, 0.2915, 0.3705



16.4902, 0.3289, 0.3284



10.4696, 0.6371, 0.3283



0.9228, 0.6295, 0.3242

Previews

White Background



This preview shows how the Yxy color 58.3681, 0.3144, 0.2600 looks on a white background.

Color Contrast Check

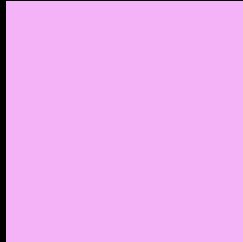
Large Text (above 18pt) WCAG AA × Fail

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 58.3681, 0.3144, 0.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

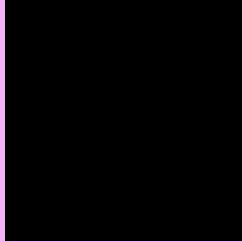
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3681, 0.3144, 0.2600

Background



This preview shows how black text looks on a background with the Yxy color 58.3681, 0.3144, 0.2600.

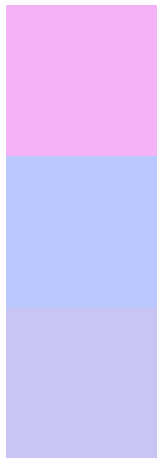


This preview shows how white text looks on a background with the Yxy color 58.3681, 0.3144, 0.2600.

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

58.3681, 0.3144, 0.2600

Protanopia

58.6316, 0.2675, 0.2660

Deuteranopia

58.7435, 0.2827, 0.2763



Tritanopia

58.1556, 0.3444, 0.3128

Trichromacy



Original Color

58.3681, 0.3144, 0.2600



Protanomaly

58.1374, 0.2830, 0.2635



Deuteranomaly

58.0184, 0.2934, 0.2692



Tritanomaly

58.0437, 0.3334, 0.2929

Monochromacy



Original Color

58.3681, 0.3144, 0.2600



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.9160, 0.3132, 0.3012

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3681, 0.3144, 0.2600 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, 179, 247)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 247)  
}
```

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, 179, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 247) }
```

Border

The CSS property to change the border of an element to Yxy 58.3681, 0.3144, 0.2600 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, 179, 247) }
```

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

```
.border{ border-color:rgb(245, 179, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 247);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3681, 0.3144, 0.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 247) }
```

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

```
.background{ background-color: rgb(245,  
179, 247) }
```

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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