

Converting Colors

$Y_{xy}(58.7307, 0.3132, 0.2581)$

Have a look what the booklet for
Yxy(58.7307, 0.3132, 0.2581)
contains.

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Color

Yxy(58.6726, 0.3136, 0.2584)

Conversions

Conversions Part 1

Format	Color
Hex	F6B3F9
RGB	246, 179, 249
RGB Percent	96%, 70%, 98%
CMY	0.0355, 0.2979, 0.0236
CMYK	0.01, 0.28, 0.00, 0.02
HSL	297°, 85%, 84%
HSV	297°, 28%, 98%
XYZ	71.2064, 58.6726, 97.1822
YIQ	207.0130, 17.4620, 35.9740

Conversions

Conversions Part 2

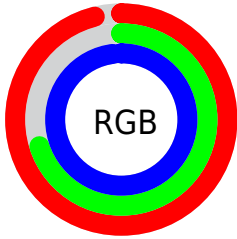
Format	Color
R _Y B	246, 179, 249
Decimal	16167929
CIE Lab	81.11, 35.53, -25.13
CIE LCh	81, 43.518, 324.729
Yxy	58.6726, 0.3136, 0.2584
Android (android.graphics.Color)	4294358009 (0xFFFF6B3F9)
YUV	207.0130, 20.6996, 34.1916
Hunter-Lab	76.5980, 31.8890, -21.6043

Details

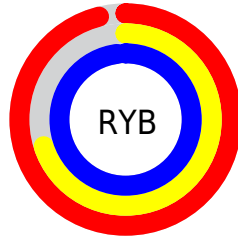
The Yxy color **58.6726, 0.3136, 0.2584** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.9544, 0.3108, 0.4102**, and the grayscale version is **62.2616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.2918, 0.3136, 0.2428** is the 20% darker color. If you saturate the color by 10%, you get **49.3814, 0.3137, 0.2337**, and if you desaturate by 10%, it is **69.7720, 0.3134, 0.2838**.

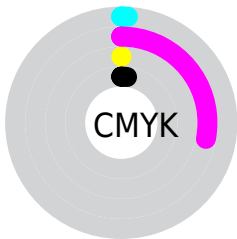
Distribution



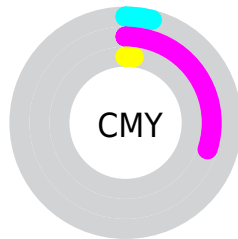
- Red (96%)
- Green (70%)
- Blue (98%)



- Red (96%)
- Yellow (70%)
- Blue (98%)



- Cyan (1%)
- Magenta (28%)
- Yellow (0%)
- Black (2%)




- Cyan (4%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6726, 0.3136, 0.2584 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 58.6726, 0.3136, 0.2584 by changing the saturation by 10% instead.


 58.6726, 0.3136,
0.2584

 58.6726, 0.3136,
0.2584

419.6875, 0.3140,
0.2902

 42.3496, 0.3133,
0.2513


 102.9017, 0.3139,
0.2693

 29.3752, 0.3129,
0.2428


131.5766, 0.3139,
0.2736

 19.3648, 0.3123,
0.2321

165.1375, 0.3140,
0.2773

 11.9342, 0.3111,
0.2185

203.9690, 0.3140,
0.2805

 6.6989, 0.3092,
0.2006

248.4553, 0.3140,
0.2834

 3.2745, 0.3056,
0.1762


298.9809, 0.3140,


 1.2767, 0.2983,

0.2859

0.1415

355.9302, 0.3140,
0.2882


 0.1230, 0.2976,
0.0369


 0.0000, 0.0000,
0.0000


 58.6726, 0.3136,
0.2584


 58.6726, 0.3136,
0.2584

 49.3814, 0.3137,
0.2337

 69.7720, 0.3134,
0.2838


 41.7938, 0.3135,
0.2107

 82.7617, 0.3131,
0.3091

 35.8062, 0.3132,
0.1903

 97.7280, 0.3126,
0.3336

 31.3006, 0.3127,
0.1735

 98.7341, 0.3132,
0.3348

■ 28.1428, 0.3120,
0.1609

■ 98.9354, 0.3139,
0.3348

■ 26.1743, 0.3111,
0.1528

■ 99.1380, 0.3146,
0.3348

■ 25.1779, 0.3100,
0.1486

■ 99.3416, 0.3153,
0.3348

■ 25.0390, 0.3098,
0.1481

■ 99.5465, 0.3160,
0.3347

■ 99.6187, 0.3162,
0.3347

Harmonies

Analogous

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



58.6726, 0.2611, 0.2418



58.6726, 0.3136, 0.2584



58.6726, 0.3707, 0.2902

Triad

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



58.6726, 0.3136, 0.2584



58.6726, 0.4039, 0.4130



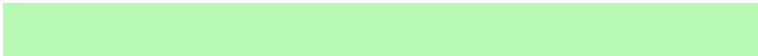
58.6726, 0.2213, 0.3135

Complementary

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



58.6726, 0.3136, 0.2584



80.9544, 0.3108, 0.4102

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.



58.6726, 0.2539, 0.3707



58.6726, 0.3136, 0.2584



58.6726, 0.3590, 0.4316

Square

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



58.6726, 0.3136, 0.2584



58.6726, 0.4249, 0.3753



58.6726, 0.3039, 0.4172



58.6726, 0.2117, 0.2682

Rectangle

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



58.6726, 0.3136, 0.2584



58.6726, 0.4017, 0.3171



58.6726, 0.3039, 0.4172



58.6726, 0.2297, 0.3321

Sweetspot

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



58.6752, 0.3136, 0.2584



87.4996, 0.3130, 0.3093



50.1020, 0.2638, 0.2516



18.2577, 0.3131, 0.3055



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.



58.6752, 0.3136, 0.2584



55.8865, 0.3137, 0.2436



57.4284, 0.3411, 0.2890



17.4838, 0.3131, 0.3056



13.4216, 0.3100, 0.1482



1.2547, 0.3114, 0.1489

Inverse Universe

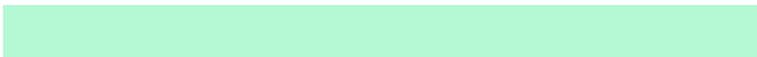
The Inverse Universe completely reimagines the original color for something new.



55.7731, 0.3719, 0.3259



52.3578, 0.3898, 0.3252



82.0096, 0.2918, 0.3729



17.2375, 0.3287, 0.3280



10.7985, 0.6356, 0.3275



1.0043, 0.6248, 0.3216

Previews

White Background



This preview shows how the Yxy color 58.6726, 0.3136, 0.2584 looks on a white background.

Color Contrast Check

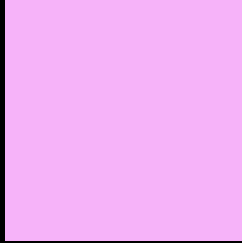
Large Text (above 18pt) WCAG AA × Fail

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 58.6726, 0.3136, 0.2584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

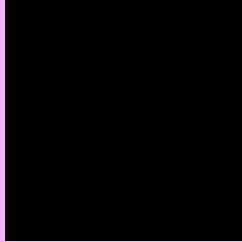
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6726, 0.3136, 0.2584

Background



This preview shows how black text looks on a background with the Yxy color 58.6726, 0.3136, 0.2584.



This preview shows how white text looks on a background with the Yxy color 58.6726, 0.3136, 0.2584.

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

58.6726, 0.3136, 0.2584

Protanopia

59.0933, 0.2676, 0.2672

Deuteranopia

58.6672, 0.2814, 0.2752



Tritanopia

58.5814, 0.3442, 0.3139

Trichromacy



Original Color

58.6726, 0.3136, 0.2584



Protanomaly

58.2010, 0.2824, 0.2626



Deuteranomaly

58.0797, 0.2927, 0.2683



Tritanomaly

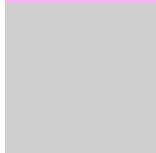
58.6896, 0.3333, 0.2931

Monochromacy



Original Color

58.6726, 0.3136, 0.2584



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.5786, 0.3132, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6726, 0.3136, 0.2584 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(246, 179, 249)` looks like.

```
.text, #text, p{  
    color:rgb(246, 179, 249)  
}
```

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(246, 179, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 179, 249) }
```

Border

The CSS property to change the border of an element to Yxy 58.6726, 0.3136, 0.2584 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(246, 179, 249) }
```

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

```
.border{ border-color:rgb(246, 179, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 179, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 179, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 179, 249);  
box-shadow:4px 4px 4px 4px rgb(246, 179,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6726, 0.3136, 0.2584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 179, 249) }
```

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

```
.background{ background-color: rgb(246,  
179, 249) }
```

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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