

Converting Colors

$Y_{xy}(58.1807, 0.3063, 0.2518)$

Have a look what the booklet for
Yxy(58.1807, 0.3063, 0.2518)
contains.

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Color

Yxy(58.3374, 0.3061, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	F2B3FF
RGB	242, 179, 255
RGB Percent	95%, 70%, 100%
CMY	0.0511, 0.2980, 0.0001
CMYK	0.05, 0.30, 0.00, 0.00
HSL	290°, 100%, 85%
HSV	290°, 30%, 100%
XYZ	70.7772, 58.3374, 102.1078
YIQ	206.5010, 13.1520, 36.9920

Conversions

Conversions Part 2

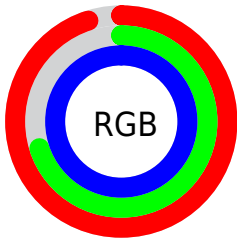
Format	Color
R _Y B	242, 179, 255
Decimal	15905791
CIE Lab	80.93, 35.41, -28.65
CIE LCh	81, 45.551, 321.028
Yxy	58.3374, 0.3061, 0.2523
Android (android.graphics.Color)	4294095871 (0xFFFF2B3FF)
YUV	206.5010, 23.9100, 31.1326
Hunter-Lab	76.3789, 31.7454, -25.7971

Details

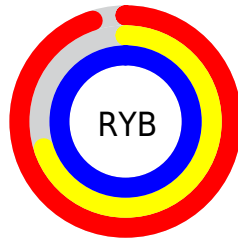
The Yxy color $58.3374, 0.3061, 0.2523$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.9615, 0.3165, 0.4145$, and the grayscale version is $61.8973, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8967, 0.3136, 0.3097$, and $29.0587, 0.3036, 0.2350$ is the 20% darker color. If you saturate the color by 10%, you get $48.2834, 0.3029, 0.2262$, and if you desaturate by 10%, it is $70.3043, 0.3088, 0.2787$.

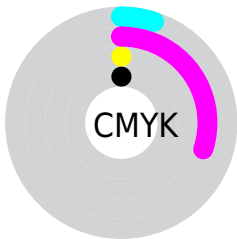
Distribution



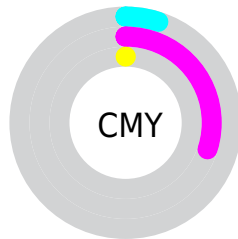
- Red (95%)
- Green (70%)
- Blue (100%)



- Red (95%)
- Yellow (70%)
- Blue (100%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3374, 0.3061, 0.2523 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 58.3374, 0.3061, 0.2523 by changing the saturation by 10% instead.


 58.3374, 0.3061,
0.2523

 58.3374, 0.3061,
0.2523


418.4420, 0.3101,
0.2868

 42.0800, 0.3050,
0.2447


 102.4140, 0.3077,
0.2640

 29.1639, 0.3035,
0.2355


131.0020, 0.3082,
0.2687

 19.2048, 0.3014,
0.2241


164.4689, 0.3087,
0.2727

 11.8184, 0.2985,
0.2096

203.1993, 0.3091,
0.2762

 6.6201, 0.2940,
0.1906

247.5773, 0.3094,
0.2793

 3.2257, 0.2868,
0.1651


297.9875, 0.3097,


 1.2507, 0.2738,

0.2821

0.1296


354.8143, 0.3099,
0.2845


 0.1025, 0.2614,
0.0277


 0.0000, 0.0000,
0.0000


 58.3374, 0.3061,
0.2523


 58.3374, 0.3061,
0.2523

 48.2834, 0.3029,
0.2262


 70.3043, 0.3088,
0.2787

 40.0303, 0.2993,
0.2015

 84.2730, 0.3110,
0.3047

 33.4662, 0.2952,
0.1792

99.9978, 0.3127,
0.3290

 28.4634, 0.2909,
0.1604

■ 24.8756, 0.2863,
0.1459

■ 22.5290, 0.2817,
0.1360

■ 21.1455, 0.2772,
0.1301

■ 21.1198, 0.2771,
0.1300

Harmonies

Analogous

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



58.3374, 0.2530, 0.2372



58.3374, 0.3061, 0.2523



58.3374, 0.3664, 0.2836

Triad

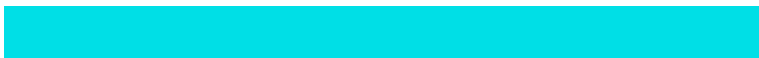
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.3374, 0.3061, 0.2523



58.3374, 0.4123, 0.4124



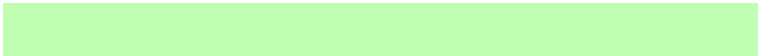
58.3374, 0.2201, 0.3196

Complementary

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



58.3374, 0.3061, 0.2523



85.9615, 0.3165, 0.4145

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.



58.3374, 0.2567, 0.3801



58.3374, 0.3061, 0.2523



58.3374, 0.3675, 0.4358

Square

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



58.3374, 0.3061, 0.2523



58.3374, 0.4307, 0.3714



58.3374, 0.3103, 0.4259



58.3374, 0.2072, 0.2698

Rectangle

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



58.3374, 0.3061, 0.2523



58.3374, 0.4009, 0.3109



58.3374, 0.3103, 0.4259



58.3374, 0.2298, 0.3396

Sweetspot

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



58.3399, 0.3061, 0.2523



85.4845, 0.3111, 0.3067



54.9196, 0.2617, 0.2580



17.8295, 0.3109, 0.3030



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.



58.3399, 0.3061, 0.2523



51.8884, 0.3042, 0.2360



59.2672, 0.3350, 0.2767



18.1340, 0.3110, 0.3054



11.0967, 0.2779, 0.1304



1.1201, 0.2831, 0.1333

Inverse Universe

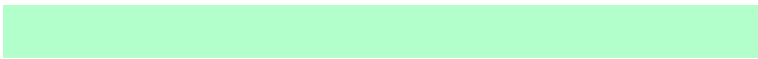
The Inverse Universe completely reimagines the original color for something new.



57.3086, 0.3682, 0.3156



50.7761, 0.3849, 0.3127



85.3996, 0.2959, 0.3880



18.0378, 0.3267, 0.3250



11.2170, 0.6152, 0.3162



1.1056, 0.5869, 0.3007

Previews

White Background



This preview shows how the Yxy color 58.3374, 0.3061, 0.2523 looks on a white background.

Color Contrast Check

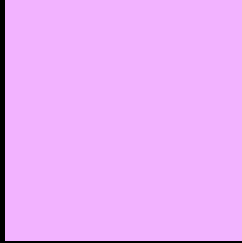
Large Text (above 18pt) WCAG AA × Fail

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 58.3374, 0.3061, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

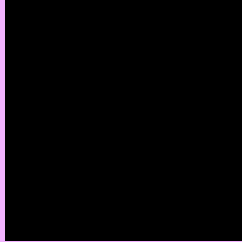
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3374, 0.3061, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 58.3374, 0.3061, 0.2523.



This preview shows how white text looks on a background with the Yxy color 58.3374, 0.3061, 0.2523.

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

58.3374, 0.3061, 0.2523

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.4996, 0.2750, 0.2686



Tritanopia

58.4170, 0.3391, 0.3127

Trichromacy



Original Color

58.3374, 0.3061, 0.2523



Protanomaly

58.0411, 0.2797, 0.2604



Deuteranomaly

57.8522, 0.2858, 0.2619



Tritanomaly

58.2028, 0.3269, 0.2886

Monochromacy



Original Color

58.3374, 0.3061, 0.2523



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.5300, 0.3110, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3374, 0.3061, 0.2523 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(242, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 255)  
}
```

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(242, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.3374, 0.3061, 0.2523 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(242, 179, 255) }
```

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

```
.border{ border-color:rgb(242, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 179, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 179, 255); box-shadow:4px 4px 4px 4px rgb(242, 179, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3374, 0.3061, 0.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 255) }
```

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

```
.background{ background-color: rgb(242,  
179, 255) }
```

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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