

Converting Colors

$Yxy(58.8561, 0.3060, 0.2536)$

Have a look what the booklet for
Yxy(58.8561, 0.3060, 0.2536)
contains.

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Color

Yxy(58.7398, 0.3061, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	F2B4FF
RGB	242, 180, 255
RGB Percent	95%, 71%, 100%
CMY	0.0510, 0.2941, 0.0001
CMYK	0.05, 0.29, 0.00, 0.00
HSL	290°, 100%, 85%
HSV	290°, 29%, 100%
XYZ	70.9840, 58.7398, 102.1743
YIQ	207.0880, 12.8770, 36.4690

Conversions

Conversions Part 2

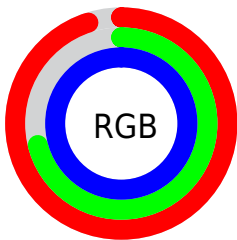
Format	Color
R _Y B	242, 180, 255
Decimal	15906047
CIE Lab	81.15, 34.90, -28.31
CIE LCh	81, 44.934, 320.951
Yxy	58.7398, 0.3061, 0.2533
Android (android.graphics.Color)	4294096127 (0xFFFF2B4FF)
YUV	207.0880, 23.6206, 30.6178
Hunter-Lab	76.6419, 31.1994, -25.3925

Details

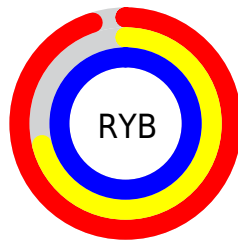
The Yxy color **58.7398, 0.3061, 0.2533** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.1283, 0.3165, 0.4132**, and the grayscale version is **62.2966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **29.3132, 0.3035, 0.2363** is the 20% darker color. If you saturate the color by 10%, you get **48.6056, 0.3029, 0.2272**, and if you desaturate by 10%, it is **70.7912, 0.3088, 0.2797**.

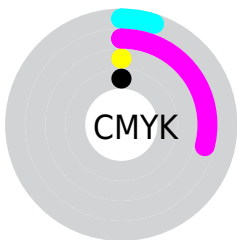
Distribution



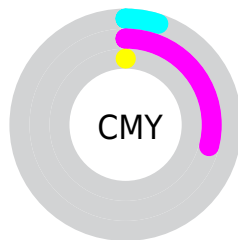
- Red (95%)
- Green (71%)
- Blue (100%)



- Red (95%)
- Yellow (71%)
- Blue (100%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7398, 0.3061, 0.2533 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 58.7398, 0.3061, 0.2533 by changing the saturation by 10% instead.


 58.7398, 0.3061,
0.2533

 58.7398, 0.3061,
0.2533

419.9370, 0.3101,
0.2873

 42.4037, 0.3050,
0.2458

 102.9994, 0.3077,
0.2649

 29.4175, 0.3035,
0.2367


131.6917, 0.3082,
0.2694

 19.3969, 0.3015,
0.2254


165.2715, 0.3087,
0.2734

 11.9574, 0.2986,
0.2111


204.1232, 0.3090,
0.2769

 6.7147, 0.2942,
0.1924

248.6312, 0.3094,
0.2799

 3.2843, 0.2871,
0.1672


299.1799, 0.3096,

 1.2819, 0.2744,


0.2827


0.1319


356.1537, 0.3099,
0.2851


 0.1271, 0.2616,
0.0339

 0.0000, 0.0000,
0.0000


 58.7398, 0.3061,
0.2533


 58.7398, 0.3061,
0.2533

 48.6056, 0.3029,
0.2272

 70.7912, 0.3088,
0.2797

 40.2770, 0.2992,
0.2023

 84.8484, 0.3110,
0.3057

 33.6424, 0.2951,
0.1799

99.9978, 0.3127,
0.3290

 28.5747, 0.2907,
0.1609

■ 24.9286, 0.2861,
0.1462

■ 22.5315, 0.2815,
0.1360

■ 21.1186, 0.2769,
0.1301

■ 21.0460, 0.2766,
0.1298

Harmonies

Analogous

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



58.7398, 0.2538, 0.2385



58.7398, 0.3061, 0.2533



58.7398, 0.3655, 0.2842

Triad

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



58.7398, 0.3061, 0.2533



58.7398, 0.4110, 0.4112



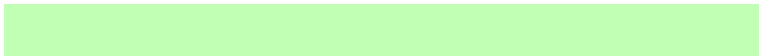
58.7398, 0.2215, 0.3199

Complementary

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



58.7398, 0.3061, 0.2533



86.1283, 0.3165, 0.4132

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.



58.7398, 0.2577, 0.3794



58.7398, 0.3061, 0.2533



58.7398, 0.3669, 0.4341

Square

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



58.7398, 0.3061, 0.2533



58.7398, 0.4289, 0.3708



58.7398, 0.3106, 0.4243



58.7398, 0.2087, 0.2709

Rectangle

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



58.7398, 0.3061, 0.2533



58.7398, 0.3993, 0.3111



58.7398, 0.3106, 0.4243



58.7398, 0.2311, 0.3396

Sweetspot

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



58.7423, 0.3061, 0.2533



85.4762, 0.3111, 0.3067



55.3965, 0.2624, 0.2591



17.8274, 0.3108, 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.



58.7423, 0.3061, 0.2533



52.8501, 0.3044, 0.2386



59.6834, 0.3346, 0.2774



18.1321, 0.3110, 0.3054



11.0586, 0.2774, 0.1302



1.1167, 0.2826, 0.1331

Inverse Universe

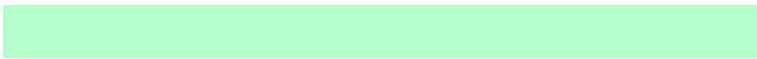
The Inverse Universe completely reimagines the original color for something new.



57.7501, 0.3671, 0.3156



51.7856, 0.3819, 0.3130



85.5502, 0.2961, 0.3871



18.0384, 0.3267, 0.3249



11.2191, 0.6147, 0.3160



1.1059, 0.5863, 0.3004

Previews

White Background



This preview shows how the Yxy color 58.7398, 0.3061, 0.2533 looks on a white background.

Color Contrast Check

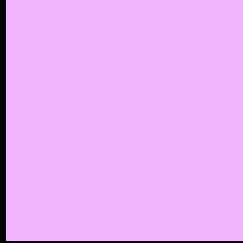
Large Text (above 18pt) WCAG AA × Fail

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 58.7398, 0.3061, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

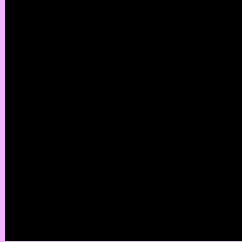
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7398, 0.3061, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 58.7398, 0.3061, 0.2533.



This preview shows how white text looks on a background with the Yxy color 58.7398, 0.3061, 0.2533.

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

58.7398, 0.3061, 0.2533

Protanopia

59.0933, 0.2676, 0.2672

Deuteranopia

59.1522, 0.2751, 0.2689



Tritanopia

58.8487, 0.3390, 0.3138

Trichromacy



Original Color

58.7398, 0.3061, 0.2533



Protanomaly

58.6253, 0.2805, 0.2616



Deuteranomaly

58.4996, 0.2859, 0.2621



Tritanomaly

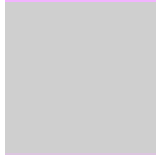
58.6227, 0.3268, 0.2896

Monochromacy



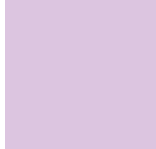
Original Color

58.7398, 0.3061, 0.2533



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 58.7398, 0.3061, 0.2533 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, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 180, 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, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.7398, 0.3061, 0.2533 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, 180, 255) }
```

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

```
.border{ border-color:rgb(242, 180, 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, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7398, 0.3061, 0.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 180, 255) }
```

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

```
.background{ background-color: rgb(242,  
180, 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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