

Converting Colors

Yxy(57.9984, 0.3139, 0.2488)

Have a look what the booklet for
Yxy(57.9984, 0.3139, 0.2488)
contains.

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Color

Yxy(58.1876, 0.3141, 0.2492)

Conversions

Conversions Part 1

Format	Color
Hex	FCAEFF
RGB	252, 174, 255
RGB Percent	99%, 68%, 100%
CMY	0.0116, 0.3177, 0.0000
CMYK	0.01, 0.32, 0.00, 0.00
HSL	298°, 100%, 84%
HSV	298°, 32%, 100%
XYZ	73.3416, 58.1876, 101.9684
YIQ	206.5560, 20.4870, 41.7270

Conversions

Conversions Part 2

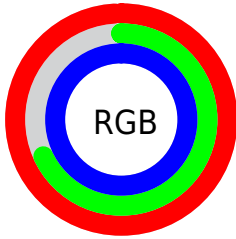
Format	Color
R_{YB}	252, 174, 255
Decimal	16559871
CIE _{Lab}	80.84, 41.18, -28.70
CIE _{LCh}	81, 50.196, 325.123
Yxy	58.1876, 0.3141, 0.2492
Android (android.graphics.Color)	4294749951 (0xFFFCAEFF)
YUV	206.5560, 23.8829, 39.8544
Hunter-Lab	76.2808, 38.1308, -25.8594

Details

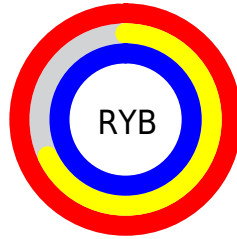
The Yxy color **58.1876, 0.3141, 0.2492** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.9119, 0.3100, 0.4229**, and the grayscale version is **61.9326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **28.9795, 0.3130, 0.2317** is the 20% darker color. If you saturate the color by 10%, you get **49.0832, 0.3143, 0.2251**, and if you desaturate by 10%, it is **69.1680, 0.3138, 0.2744**.

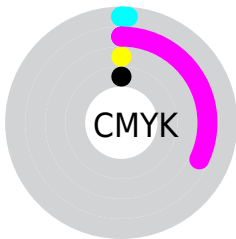
Distribution



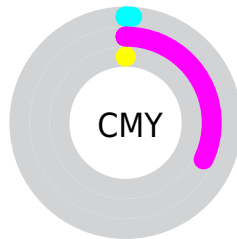
- Red (99%)
- Green (68%)
- Blue (100%)



- Red (99%)
- Yellow (68%)
- Blue (100%)



- Cyan (1%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1876, 0.3141, 0.2492 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 58.1876, 0.3141, 0.2492 by changing the saturation by 10% instead.


 58.1876, 0.3141,
0.2492

 58.1876, 0.3141,
0.2492


417.8846, 0.3144,
0.2849

 41.9595, 0.3138,
0.2414

 102.1960, 0.3144,
0.2613

 29.0696, 0.3133,
0.2319


130.7451, 0.3145,
0.2661

 19.1335, 0.3125,
0.2202


164.1699, 0.3145,
0.2702

 11.7667, 0.3112,
0.2054

202.8549, 0.3145,
0.2739

 6.5851, 0.3089,
0.1862

247.1845, 0.3145,
0.2771

 3.2040, 0.3047,
0.1605


297.5431, 0.3145,


 1.2391, 0.2962,


0.2800


0.1250


354.3150, 0.3145,
0.2826


 0.0933, 0.2922,
0.0243

 0.0000, 0.0442,
0.0000

 58.1876, 0.3141,
0.2492

 58.1876, 0.3141,
0.2492

 49.0832, 0.3143,
0.2251


 69.1680, 0.3138,
0.2744

 41.7409, 0.3143,
0.2030

 82.1144, 0.3133,
0.2998

 36.0466, 0.3141,
0.1840

 97.1204, 0.3128,
0.3247

 31.8695, 0.3137,
0.1689

99.9997, 0.3127,
0.3290

■ 29.0591, 0.3131,
0.1581

■ 27.4338, 0.3124,
0.1517

■ 26.7595, 0.3117,
0.1491

Harmonies

Analogous

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



58.1876, 0.2540, 0.2301



58.1876, 0.3141, 0.2492



58.1876, 0.3803, 0.2850

Triad

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



58.1876, 0.3141, 0.2492



58.1876, 0.4163, 0.4248



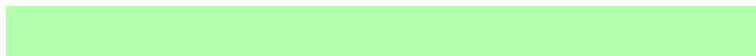
58.1876, 0.2080, 0.3092

Complementary

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



58.1876, 0.3141, 0.2492



83.9119, 0.3100, 0.4229

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.



58.1876, 0.2441, 0.3766



58.1876, 0.3141, 0.2492



58.1876, 0.3639, 0.4480

Square

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



58.1876, 0.3141, 0.2492



58.1876, 0.4419, 0.3808



58.1876, 0.3007, 0.4321



58.1876, 0.1980, 0.2579

Rectangle

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



58.1876, 0.3141, 0.2492



58.1876, 0.4164, 0.3151



58.1876, 0.3007, 0.4321



58.1876, 0.2172, 0.3309

Sweetspot

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



58.1901, 0.3141, 0.2492



84.6200, 0.3132, 0.3043



48.0721, 0.2563, 0.2396



17.6855, 0.3133, 0.3008



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.



58.1901, 0.3141, 0.2492



52.3046, 0.3142, 0.2340



56.6161, 0.3460, 0.2835



18.2647, 0.3132, 0.3055



13.9980, 0.3118, 0.1491



1.3731, 0.3129, 0.1497

Inverse Universe

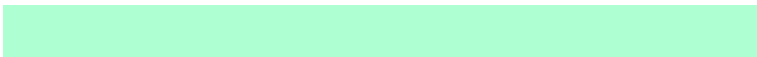
The Inverse Universe completely reimagines the original color for something new.



54.6976, 0.3834, 0.3261



48.3433, 0.4039, 0.3256



85.1889, 0.2892, 0.3797



17.9978, 0.3289, 0.3282



11.1241, 0.6364, 0.3279



1.0867, 0.6277, 0.3232

Previews

White Background



This preview shows how the Yxy color 58.1876, 0.3141, 0.2492 looks on a white background.

Color Contrast Check

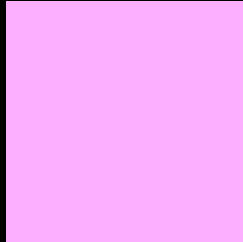
Large Text (above 18pt) WCAG AA × Fail

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 58.1876, 0.3141, 0.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

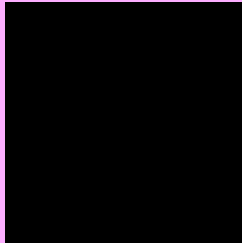
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1876, 0.3141, 0.2492

Background



This preview shows how black text looks on a background with the Yxy color 58.1876, 0.3141, 0.2492.

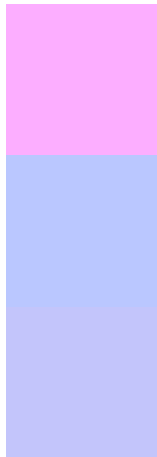


This preview shows how white text looks on a background with the Yxy color 58.1876, 0.3141, 0.2492.

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

58.1876, 0.3141, 0.2492

Protanopia

58.5060, 0.2669, 0.2659

Deuteranopia

58.4996, 0.2750, 0.2686



Tritanopia

58.0545, 0.3515, 0.3141

Trichromacy



Original Color

58.1876, 0.3141, 0.2492



Protanomaly

57.7485, 0.2824, 0.2587



Deuteranomaly

58.0224, 0.2886, 0.2613



Tritanomaly

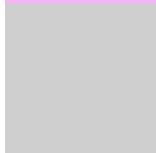
57.9364, 0.3379, 0.2893

Monochromacy



Original Color

58.1876, 0.3141, 0.2492



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.1000, 0.3134, 0.2971

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1876, 0.3141, 0.2492 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(252, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 174, 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(252, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 174, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.1876, 0.3141, 0.2492 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(252, 174, 255) }
```

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

```
.border{ border-color:rgb(252, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 174,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1876, 0.3141, 0.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 174, 255) }
```

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

```
.background{ background-color: rgb(252,  
174, 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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