

Converting Colors

$Yxy(60.2147, 0.3150, 0.2538)$

Have a look what the booklet for
Yxy(60.2147, 0.3150, 0.2538)
contains.

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Color

Yxy(59.9434, 0.3147, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	FDB2FF
RGB	253, 178, 255
RGB Percent	99%, 70%, 100%
CMY	0.0079, 0.3019, 0.0001
CMYK	0.01, 0.30, 0.00, 0.00
HSL	298°, 100%, 85%
HSV	298°, 30%, 100%
XYZ	74.4737, 59.9434, 102.2327
YIQ	209.2030, 19.9830, 39.8470

Conversions

Conversions Part 2

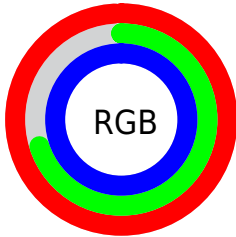
Format	Color
R _Y B	253, 178, 255
Decimal	16626431
CIE Lab	81.81, 39.37, -27.21
CIE LCh	82, 47.858, 325.352
Yxy	59.9434, 0.3147, 0.2533
Android (android.graphics.Color)	4294816511 (0xFFFD B2FF)
YUV	209.2030, 22.5779, 38.4100
Hunter-Lab	77.4231, 36.2096, -24.0928

Details

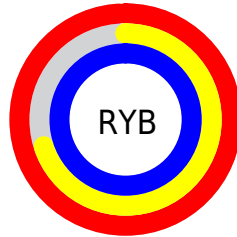
The Yxy color **59.9434, 0.3147, 0.2533** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.4229, 0.3097, 0.4176**, and the grayscale version is **63.7414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **30.0946, 0.3139, 0.2367** is the 20% darker color. If you saturate the color by 10%, you get **50.6012, 0.3152, 0.2291**, and if you desaturate by 10%, it is **71.1769, 0.3141, 0.2785**.

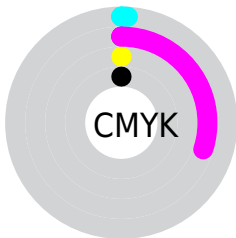
Distribution



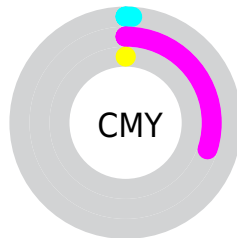
- Red (99%)
- Green (70%)
- Blue (100%)



- Red (99%)
- Yellow (70%)
- Blue (100%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9434, 0.3147, 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 59.9434, 0.3147, 0.2533 by changing the saturation by 10% instead.


 59.9434, 0.3147,
0.2533

 59.9434, 0.3147,
0.2533


424.3891, 0.3147,
0.2871

 43.3730, 0.3145,
0.2459


 104.7476, 0.3149,
0.2648

 30.1779, 0.3142,
0.2369


133.7501, 0.3149,
0.2693

 19.9737, 0.3136,
0.2258


167.6655, 0.3149,
0.2733

 12.3759, 0.3126,
0.2118

206.8782, 0.3148,
0.2767

 7.0002, 0.3107,
0.1935

251.7725, 0.3148,
0.2798

 3.4622, 0.3073,
0.1689

302.7328, 0.3148,

 1.3776, 0.3002,

0.2825

0.1347

360.1435, 0.3147,
0.2849

0.2001, 0.2952,
0.0496

0.0000, 0.0977,
0.0000

59.9434, 0.3147,
0.2533

59.9434, 0.3147,
0.2533

50.6012, 0.3152,
0.2291

71.1769, 0.3141,
0.2785

43.0379, 0.3155,
0.2068

84.3905, 0.3134,
0.3039

37.1411, 0.3156,
0.1874

99.6768, 0.3127,
0.3286

32.7827, 0.3156,
0.1719

99.9985, 0.3127,
0.3290

■ 29.8158, 0.3154,
0.1606

■ 28.0651, 0.3149,
0.1538

■ 27.2505, 0.3144,
0.1506

Harmonies

Analogous

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



59.9434, 0.2575, 0.2350



59.9434, 0.3147, 0.2533



59.9434, 0.3771, 0.2876

Triad

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



59.9434, 0.3147, 0.2533



59.9434, 0.4107, 0.4204



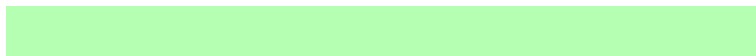
59.9434, 0.2131, 0.3103

Complementary

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



59.9434, 0.3147, 0.2533



84.4229, 0.3097, 0.4176

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.



59.9434, 0.2475, 0.3734



59.9434, 0.3147, 0.2533



59.9434, 0.3612, 0.4413

Square

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



59.9434, 0.3147, 0.2533



59.9434, 0.4348, 0.3792



59.9434, 0.3013, 0.4254



59.9434, 0.2036, 0.2617

Rectangle

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



59.9434, 0.3147, 0.2533



59.9434, 0.4108, 0.3165



59.9434, 0.3013, 0.4254



59.9434, 0.2219, 0.3306

Sweetspot

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



59.9460, 0.3147, 0.2533



86.1095, 0.3134, 0.3068



49.5612, 0.2593, 0.2432



17.9846, 0.3135, 0.3032



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.



59.9460, 0.3147, 0.2533



54.2999, 0.3150, 0.2390



58.2190, 0.3450, 0.2871



18.2751, 0.3134, 0.3056



14.2526, 0.3145, 0.1506



1.3950, 0.3153, 0.1510

Inverse Universe

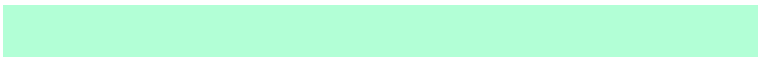
The Inverse Universe completely reimagines the original color for something new.



56.3964, 0.3793, 0.3271



50.2626, 0.3980, 0.3268



85.8233, 0.2896, 0.3752



17.9946, 0.3290, 0.3284



11.1196, 0.6375, 0.3285



1.0852, 0.6313, 0.3251

Previews

White Background



This preview shows how the Yxy color 59.9434, 0.3147, 0.2533 looks on a white background.

Color Contrast Check

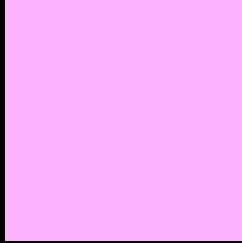
Large Text (above 18pt) WCAG AA × Fail

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 59.9434, 0.3147, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

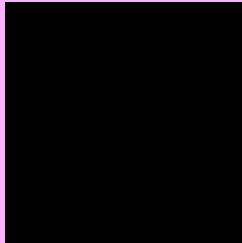
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9434, 0.3147, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 59.9434, 0.3147, 0.2533.



This preview shows how white text looks on a background with the Yxy color 59.9434, 0.3147, 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

59.9434, 0.3147, 0.2533

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

60.0912, 0.2785, 0.2715



Tritanopia

59.8711, 0.3493, 0.3132

Trichromacy



Original Color

59.9434, 0.3147, 0.2533



Protanomaly

59.5061, 0.2847, 0.2624



Deuteranomaly

59.3499, 0.2909, 0.2639



Tritanomaly

59.6946, 0.3368, 0.2897

Monochromacy



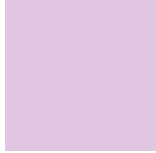
Original Color

59.9434, 0.3147, 0.2533



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.8867, 0.3134, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9434, 0.3147, 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(253, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 178, 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(253, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.9434, 0.3147, 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(253, 178, 255) }
```

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

```
.border{ border-color:rgb(253, 178, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 178, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9434, 0.3147, 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(253, 178, 255) }
```

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

```
.background{ background-color: rgb(253,  
178, 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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