

Converting Colors

Yxy(59.6694, 0.3127, 0.2533)

Have a look what the booklet for
Yxy(59.6694, 0.3127, 0.2533)
contains.

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Color

Yxy(59.7842, 0.3123, 0.2537)

Conversions

Conversions Part 1

Format	Color
Hex	FAB3FF
RGB	250, 179, 255
RGB Percent	98%, 70%, 100%
CMY	0.0196, 0.2980, 0.0000
CMYK	0.02, 0.30, 0.00, 0.00
HSL	296°, 100%, 85%
HSV	296°, 30%, 100%
XYZ	73.5932, 59.7842, 102.2717
YIQ	208.8930, 17.9200, 38.6880

Conversions

Conversions Part 2

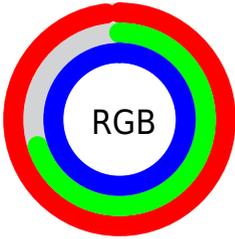
Format	Color
R _Y B	250, 179, 255
Decimal	16430079
CIE Lab	81.72, 37.92, -27.38
CIE LCh	82, 46.774, 324.166
Yxy	59.7842, 0.3123, 0.2537
Android (android.graphics.Color)	4294620159 (0xFFFFAB3FF)
YUV	208.8930, 22.7308, 36.0508
Hunter-Lab	77.3202, 34.5855, -24.2989

Details

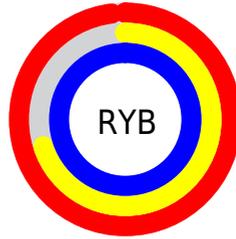
The Yxy color **59.7842, 0.3123, 0.2537** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.9669, 0.3116, 0.4158**, and the grayscale version is **63.5289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **30.0819, 0.3118, 0.2373** is the 20% darker color. If you saturate the color by 10%, you get **50.1833, 0.3118, 0.2289**, and if you desaturate by 10%, it is **71.2823, 0.3126, 0.2793**.

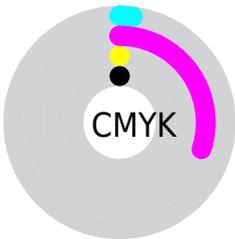
Distribution



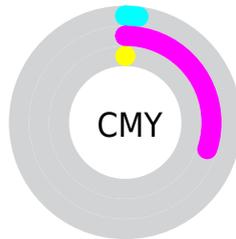
- Red (98%)
- Green (70%)
- Blue (100%)



- Red (98%)
- Yellow (70%)
- Blue (100%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7842, 0.3123, 0.2537 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 59.7842, 0.3123, 0.2537 by changing the saturation by 10% instead.

 59.7842, 0.3123,
0.2537

 59.7842, 0.3123,
0.2537

423.8019, 0.3134,
0.2874

 43.2447, 0.3119,
0.2463

 104.5166, 0.3128,
0.2651

 30.0772, 0.3112,
0.2374

133.4782, 0.3130,
0.2697

 19.8972, 0.3102,
0.2263

167.3494, 0.3131,
0.2736

 12.3203, 0.3087,
0.2122

206.5145, 0.3132,
0.2770

 6.9622, 0.3062,
0.1939

251.3579, 0.3133,
0.2801

 3.4385, 0.3018,
0.1693

302.2640, 0.3133,

 1.3647, 0.2932,

0.2828

0.1349

359.6172, 0.3134,
0.2852

 0.1905, 0.2858,
0.0479

 0.0000, 0.0562,
0.0000

 59.7842, 0.3123,
0.2537

 59.7842, 0.3123,
0.2537

 50.1833, 0.3118,
0.2289

 71.2823, 0.3126,
0.2793

 42.3685, 0.3110,
0.2059

 84.7672, 0.3127,
0.3048

 36.2277, 0.3100,
0.1857

100.0000, 0.3127,
0.3290

 31.6330, 0.3088,
0.1691

■ 28.4386, 0.3074,
0.1568

■ 26.4703, 0.3058,
0.1490

■ 25.4497, 0.3042,
0.1450

■ 25.4329, 0.3041,
0.1449

Harmonies

Analogous

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



59.7842, 0.2568, 0.2364



59.7842, 0.3123, 0.2537



59.7842, 0.3735, 0.2869

Triad

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



59.7842, 0.3123, 0.2537



59.7842, 0.4103, 0.4174



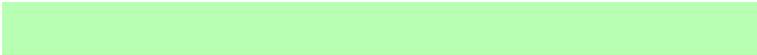
59.7842, 0.2160, 0.3131

Complementary

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



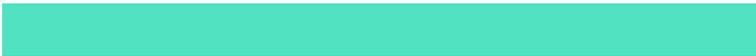
59.7842, 0.3123, 0.2537



84.9669, 0.3116, 0.4158

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.



59.7842, 0.2507, 0.3748



59.7842, 0.3123, 0.2537



59.7842, 0.3626, 0.4386

Square

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



59.7842, 0.3123, 0.2537



59.7842, 0.4325, 0.3767



59.7842, 0.3040, 0.4245



59.7842, 0.2056, 0.2646

Rectangle

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



59.7842, 0.3123, 0.2537



59.7842, 0.4071, 0.3151



59.7842, 0.3040, 0.4245



59.7842, 0.2250, 0.3332

Sweetspot

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



59.7865, 0.3123, 0.2537



85.9358, 0.3127, 0.3068



51.1164, 0.2605, 0.2475



17.9415, 0.3127, 0.3031



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.



59.7865, 0.3123, 0.2537



53.6168, 0.3120, 0.2382



58.7810, 0.3423, 0.2852



18.2359, 0.3127, 0.3055



13.3152, 0.3044, 0.1451



1.3141, 0.3064, 0.1462

Inverse Universe

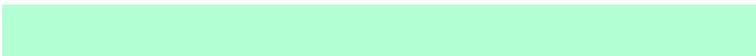
The Inverse Universe completely reimagines the original color for something new.



56.9646, 0.3754, 0.3239



50.3993, 0.3944, 0.3229



85.8550, 0.2912, 0.3775



18.0065, 0.3284, 0.3275



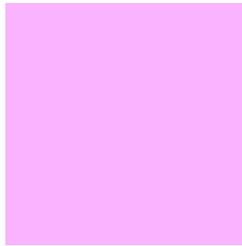
11.1368, 0.6334, 0.3263



1.0908, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 59.7842, 0.3123, 0.2537 looks on a white background.

Color Contrast Check

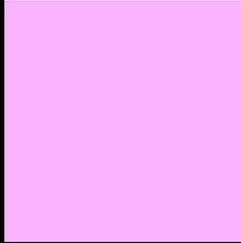
Large Text (above 18pt) WCAG AA × Fail

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 59.7842, 0.3123, 0.2537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

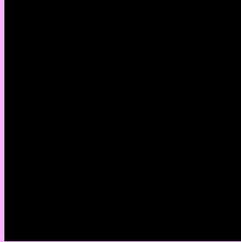
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7842, 0.3123, 0.2537

Background



This preview shows how black text looks on a background with the Yxy color 59.7842, 0.3123, 0.2537.



This preview shows how white text looks on a background with the Yxy color 59.7842, 0.3123, 0.2537.

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

59.7842, 0.3123, 0.2537

Protanopia

60.2799, 0.2691, 0.2697

Deuteranopia

59.9540, 0.2778, 0.2714



Tritanopia

59.8095, 0.3458, 0.3130

Trichromacy



Original Color

59.7842, 0.3123, 0.2537



Protanomaly

59.6525, 0.2833, 0.2633



Deuteranomaly

59.6330, 0.2902, 0.2649



Tritanomaly

59.6185, 0.3334, 0.2894

Monochromacy



Original Color

59.7842, 0.3123, 0.2537



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.7264, 0.3126, 0.2984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7842, 0.3123, 0.2537 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(250, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.7842, 0.3123, 0.2537 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(250, 179, 255) }
```

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

```
.border{ border-color:rgb(250, 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(250, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 179,  
255) }
```

Background

The CSS property to change the background color of an element to Yxy 59.7842, 0.3123, 0.2537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 179, 255) }
```

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

```
.background{ background-color: rgb(250,  
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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