

Converting Colors

Yxy(59.8320, 0.3246, 0.2639)

Have a look what the booklet for
Yxy(59.8320, 0.3246, 0.2639)
contains.

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Color

Yxy(60.0319, 0.3246, 0.2644)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3F4
RGB	255, 179, 244
RGB Percent	100%, 70%, 96%
CMY	0.0000, 0.2981, 0.0430
CMYK	0.00, 0.30, 0.04, 0.00
HSL	309°, 100%, 85%
HSV	309°, 30%, 100%
XYZ	73.7003, 60.0319, 93.3174
YIQ	209.1340, 24.4310, 36.3270

Conversions

Conversions Part 2

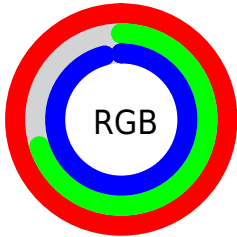
Format	Color
R _Y B	255, 179, 244
Decimal	16757748
CIE Lab	81.86, 37.56, -21.26
CIE LCh	82, 43.161, 330.492
Yxy	60.0319, 0.3246, 0.2644
Android (android.graphics.Color)	4294947828 (0xFFFFB3F4)
YUV	209.1340, 17.1889, 40.2245
Hunter-Lab	77.4803, 34.2012, -17.1728

Details

The Yxy color **60.0319, 0.3246, 0.2644** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.8181, 0.3028, 0.4036**, and the grayscale version is **63.7235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **30.1684, 0.3261, 0.2495** is the 20% darker color. If you saturate the color by 10%, you get **50.5152, 0.3295, 0.2430**, and if you desaturate by 10%, it is **71.4380, 0.3201, 0.2864**.

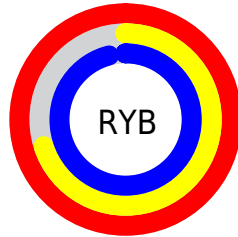
Distribution



Red (100%)

Green (70%)

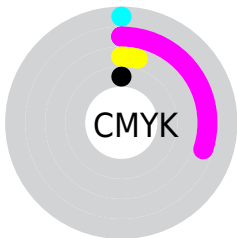
Blue (96%)



Red (100%)

Yellow (70%)

Blue (96%)

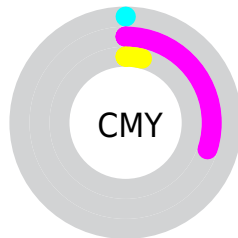


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0319, 0.3246, 0.2644 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 60.0319, 0.3246, 0.2644 by changing the saturation by 10% instead.


 60.0319, 0.3246,
0.2644

 60.0319, 0.3246,
0.2644


424.7153, 0.3197,
0.2935

 43.4443, 0.3256,
0.2579


 104.8759, 0.3230,
0.2744

 30.2339, 0.3267,
0.2501


133.9012, 0.3223,
0.2783

 20.0162, 0.3281,
0.2402


167.8412, 0.3218,
0.2817

 12.4068, 0.3297,
0.2277

207.0803, 0.3213,
0.2846

 7.0214, 0.3315,
0.2112

252.0028, 0.3208,
0.2873

 3.4755, 0.3335,
0.1884


302.9933, 0.3204,


 1.3847, 0.3350,


0.2896


0.1558


360.4360, 0.3200,
0.2917


 0.2054, 0.3497,
0.0629


 0.0000, 0.1062,
0.0000


 60.0319, 0.3246,
0.2644

 60.0319, 0.3246,
0.2644

 50.5152, 0.3295,
0.2430


 71.4380, 0.3201,
0.2864

 42.7910, 0.3348,
0.2232

 84.8372, 0.3161,
0.3082

 36.7422, 0.3404,
0.2059

100.0000, 0.3127,
0.3290

 32.2412, 0.3460,
0.1921

■ 29.1419, 0.3516,
0.1826

■ 27.2702, 0.3569,
0.1776

■ 26.3474, 0.3619,
0.1768

■ 26.3331, 0.3620,
0.1768

Harmonies

Analogous

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



60.0319, 0.2708, 0.2448



60.0319, 0.3246, 0.2644



60.0319, 0.3795, 0.2981

Triad

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



60.0319, 0.3246, 0.2644



60.0319, 0.3955, 0.4172



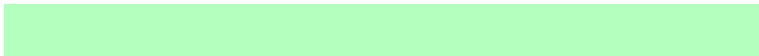
60.0319, 0.2190, 0.3039

Complementary

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



60.0319, 0.3246, 0.2644



84.8181, 0.3028, 0.4036

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.



60.0319, 0.2470, 0.3593



60.0319, 0.3246, 0.2644



60.0319, 0.3483, 0.4300

Square

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



60.0319, 0.3246, 0.2644



60.0319, 0.4216, 0.3827



60.0319, 0.2938, 0.4089



60.0319, 0.2140, 0.2629

Rectangle

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



60.0319, 0.3246, 0.2644



60.0319, 0.4071, 0.3255



60.0319, 0.2938, 0.4089



60.0319, 0.2258, 0.3215

Sweetspot

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



60.0295, 0.3246, 0.2644



86.0100, 0.3158, 0.3100



50.2903, 0.2667, 0.2431



17.9599, 0.3164, 0.3068



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.



60.0295, 0.3246, 0.2644



53.9217, 0.3276, 0.2510



57.9938, 0.3552, 0.3003



18.2527, 0.3160, 0.3089



13.7769, 0.3612, 0.1763



1.3532, 0.3559, 0.1734

Inverse Universe

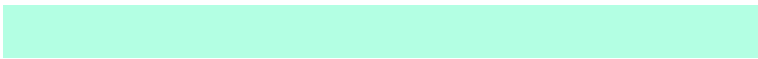
The Inverse Universe completely reimagines the original color for something new.



60.0295, 0.3246, 0.2644



53.9217, 0.3276, 0.2510



86.6556, 0.2834, 0.3599



18.2527, 0.3160, 0.3089



13.7769, 0.3612, 0.1763



1.3532, 0.3559, 0.1734

Previews

White Background



This preview shows how the Yxy color 60.0319, 0.3246, 0.2644 looks on a white background.

Color Contrast Check

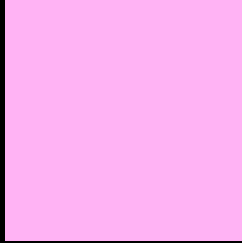
Large Text (above 18pt) WCAG AA × Fail

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 60.0319, 0.3246, 0.2644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

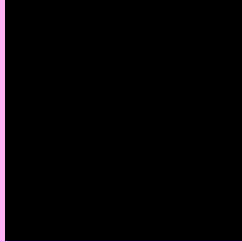
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0319, 0.3246, 0.2644

Background



This preview shows how black text looks on a background with the Yxy color 60.0319, 0.3246, 0.2644.



This preview shows how white text looks on a background with the Yxy color 60.0319, 0.3246, 0.2644.

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

60.0319, 0.3246, 0.2644

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.2599, 0.2897, 0.2833



Tritanopia

59.8974, 0.3536, 0.3143

Trichromacy



Original Color

60.0319, 0.3246, 0.2644



Protanomaly

59.8447, 0.2880, 0.2675



Deuteranomaly

59.8974, 0.3021, 0.2764



Tritanomaly

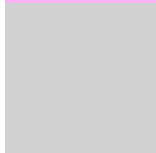
59.8000, 0.3425, 0.2949

Monochromacy



Original Color

60.0319, 0.3246, 0.2644



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.8308, 0.3171, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0319, 0.3246, 0.2644 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(255, 179, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 244)  
}
```

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(255, 179, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 244) }
```

Border

The CSS property to change the border of an element to Yxy 60.0319, 0.3246, 0.2644 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(255, 179, 244) }
```

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

```
.border{ border-color:rgb(255, 179, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0319, 0.3246, 0.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 244) }
```

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

```
.background{ background-color: rgb(255,  
179, 244) }
```

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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