

Converting Colors

Yxy(60.0639, 0.3231, 0.2649)

Have a look what the booklet for
Yxy(60.0639, 0.3231, 0.2649)
contains.

Yxy(60.0568, 0.3229, 0.2651)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.0568, 0.3229, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	FDB4F4
RGB	253, 180, 244
RGB Percent	99%, 71%, 96%
CMY	0.0080, 0.2940, 0.0431
CMYK	0.00, 0.29, 0.04, 0.01
HSL	307°, 95%, 85%
HSV	307°, 29%, 99%
XYZ	73.1510, 60.0568, 93.3361
YIQ	209.1230, 22.9640, 35.3800

Conversions

Conversions Part 2

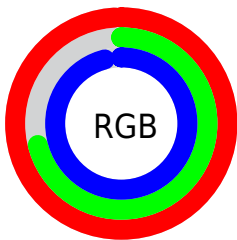
Format	Color
R _Y B	253, 180, 244
Decimal	16626932
CIE Lab	81.87, 36.36, -21.25
CIE LCh	82, 42.114, 329.698
Yxy	60.0568, 0.3229, 0.2651
Android (android.graphics.Color)	4294817012 (0xFFFD B4F4)
YUV	209.1230, 17.1944, 38.4801
Hunter-Lab	77.4963, 32.8728, -17.1611

Details

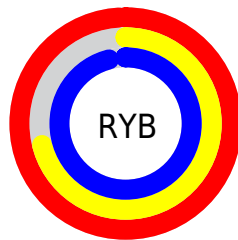
The Yxy color **60.0568, 0.3229, 0.2651** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.6087, 0.3040, 0.4026**, and the grayscale version is **63.7208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **30.1547, 0.3239, 0.2502** is the 20% darker color. If you saturate the color by 10%, you get **50.5726, 0.3272, 0.2432**, and if you desaturate by 10%, it is **71.4134, 0.3190, 0.2876**.

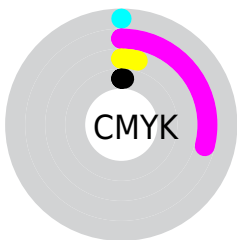
Distribution



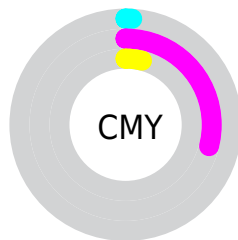
- Red (99%)
- Green (71%)
- Blue (96%)



- Red (99%)
- Yellow (71%)
- Blue (96%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0568, 0.3229, 0.2651 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 60.0568, 0.3229, 0.2651 by changing the saturation by 10% instead.


 60.0568, 0.3229,
0.2651

 60.0568, 0.3229,
0.2651


424.8071, 0.3188,
0.2940

 43.4644, 0.3237,
0.2587


 104.9121, 0.3216,
0.2750

 30.2497, 0.3246,
0.2509


133.9437, 0.3210,
0.2788

 20.0282, 0.3257,
0.2411


167.8906, 0.3205,
0.2822

 12.4155, 0.3269,
0.2287

207.1371, 0.3201,
0.2851

 7.0273, 0.3283,
0.2122

252.0676, 0.3197,
0.2877

 3.4792, 0.3295,
0.1896


303.0665, 0.3194,


 1.3867, 0.3300,

0.2900

0.1571

360.5182, 0.3190,
0.2921


 0.2069, 0.3426,
0.0640


 0.0000, 0.0596,
0.0000


 60.0568, 0.3229,
0.2651

 60.0568, 0.3229,
0.2651


 50.5726, 0.3272,
0.2432

 71.4134, 0.3190,
0.2876


 42.8512, 0.3318,
0.2228

 84.7281, 0.3155,
0.3099

 36.7842, 0.3366,
0.2049

 99.5094, 0.3124,
0.3306

 32.2477, 0.3414,
0.1905

 99.6166, 0.3115,
0.3290

■ 29.1008, 0.3461,
0.1803

■ 27.1760, 0.3506,
0.1746

■ 26.2297, 0.3548,
0.1731

■ 26.1464, 0.3552,
0.1731

Harmonies

Analogous

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



60.0568, 0.2706, 0.2463



60.0568, 0.3229, 0.2651



60.0568, 0.3766, 0.2978

Triad

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



60.0568, 0.3229, 0.2651



60.0568, 0.3947, 0.4146



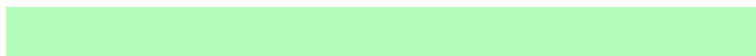
60.0568, 0.2215, 0.3059

Complementary

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



60.0568, 0.3229, 0.2651



83.6087, 0.3040, 0.4026

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.



60.0568, 0.2496, 0.3600



60.0568, 0.3229, 0.2651



60.0568, 0.3489, 0.4275

Square

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



60.0568, 0.3229, 0.2651



60.0568, 0.4193, 0.3806



60.0568, 0.2957, 0.4078



60.0568, 0.2159, 0.2653

Rectangle

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



60.0568, 0.3229, 0.2651



60.0568, 0.4039, 0.3246



60.0568, 0.2957, 0.4078



60.0568, 0.2284, 0.3232

Sweetspot

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



60.0595, 0.3229, 0.2651



86.0413, 0.3155, 0.3095



50.4989, 0.2677, 0.2461



17.9677, 0.3160, 0.3063



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.



60.0595, 0.3229, 0.2651



54.9762, 0.3255, 0.2515



58.0801, 0.3524, 0.3001



18.2597, 0.3157, 0.3084



13.9278, 0.3546, 0.1727



1.3664, 0.3502, 0.1703

Inverse Universe

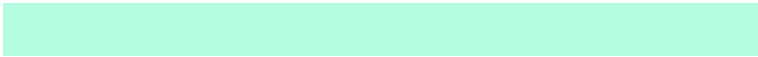
The Inverse Universe completely reimagines the original color for something new.



60.0595, 0.3229, 0.2651



54.9762, 0.3255, 0.2515



85.3723, 0.2849, 0.3601



18.2597, 0.3157, 0.3084



13.9278, 0.3546, 0.1727



1.3664, 0.3502, 0.1703

Previews

White Background



This preview shows how the Yxy color 60.0568, 0.3229, 0.2651 looks on a white background.

Color Contrast Check

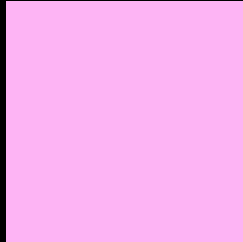
Large Text (above 18pt) WCAG AA × Fail

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 60.0568, 0.3229, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

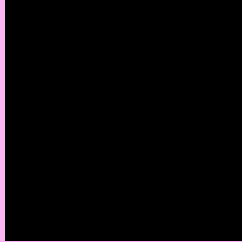
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0568, 0.3229, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 60.0568, 0.3229, 0.2651.



This preview shows how white text looks on a background with the Yxy color 60.0568, 0.3229, 0.2651.

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

60.0568, 0.3229, 0.2651

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

60.2599, 0.2897, 0.2833



Tritanopia

60.0049, 0.3509, 0.3143

Trichromacy



Original Color

60.0568, 0.3229, 0.2651



Protanomaly

59.8447, 0.2880, 0.2675



Deuteranomaly

59.7381, 0.3014, 0.2763



Tritanomaly

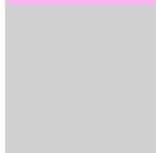
59.8474, 0.3407, 0.2958

Monochromacy



Original Color

60.0568, 0.3229, 0.2651



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.6696, 0.3163, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0568, 0.3229, 0.2651 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, 180, 244)` looks like.

```
.text, #text, p{  
    color:rgb(253, 180, 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(253, 180, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 180, 244) }
```

Border

The CSS property to change the border of an element to Yxy 60.0568, 0.3229, 0.2651 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, 180, 244) }
```

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

```
.border{ border-color:rgb(253, 180, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 180, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 180, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 180, 244);  
box-shadow:4px 4px 4px 4px rgb(253, 180,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0568, 0.3229, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 180, 244) }
```

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

```
.background{ background-color: rgb(253,  
180, 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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