

Converting Colors

$Y_{xy}(60.6641, 0.3270, 0.2695)$

Have a look what the booklet for
Yxy(60.6641, 0.3270, 0.2695)
contains.

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Color

Yxy(60.6586, 0.3268, 0.2692)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F1
RGB	255, 181, 241
RGB Percent	100%, 71%, 95%
CMY	0.0000, 0.2902, 0.0550
CMYK	0.00, 0.29, 0.05, 0.00
HSL	311°, 100%, 85%
HSV	311°, 29%, 100%
XYZ	73.6376, 60.6586, 91.0330
YIQ	209.9660, 24.8440, 34.3480

Conversions

Conversions Part 2

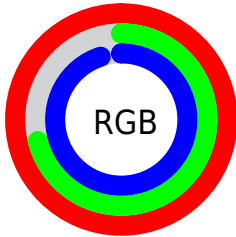
Format	Color
R _Y B	255, 181, 241
Decimal	16758257
CIE Lab	82.19, 35.97, -19.11
CIE LCh	82, 40.731, 332.018
Yxy	60.6586, 0.3268, 0.2692
Android (android.graphics.Color)	4294948337 (0xFFFFB5F1)
YUV	209.9660, 15.2998, 39.4948
Hunter-Lab	77.8836, 32.4722, -14.7816

Details

The Yxy color $60.6586, 0.3268, 0.2692$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.2837, 0.3013, 0.3973$, and the grayscale version is $64.3123, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.5518, 0.3291, 0.2554$ is the 20% darker color. If you saturate the color by 10%, you get $50.9376, 0.3330, 0.2486$, and if you desaturate by 10%, it is $72.2904, 0.3213, 0.2902$.

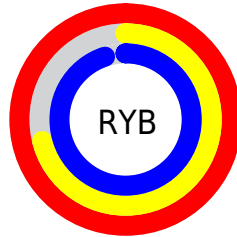
Distribution



Red (100%)

Green (71%)

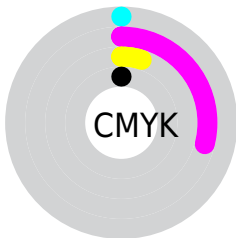
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

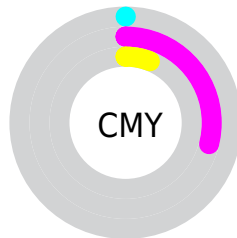


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6586, 0.3268, 0.2692 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 60.6586, 0.3268, 0.2692 by changing the saturation by 10% instead.


 60.6586, 0.3268,
0.2692

 60.6586, 0.3268,
0.2692


427.0211, 0.3207,
0.2963

 43.9497, 0.3281,
0.2632


 105.7845, 0.3248,
0.2785

 30.6310, 0.3296,
0.2558


134.9702, 0.3240,
0.2821

 20.3180, 0.3314,
0.2466


169.0837, 0.3233,
0.2853

 12.6264, 0.3337,
0.2349

208.5093, 0.3226,
0.2880

 7.1718, 0.3365,
0.2193

253.6315, 0.3221,
0.2904

 3.5698, 0.3400,
0.1977

304.8346, 0.3216,

 1.4359, 0.3441,

0.2926

0.1663

362.5030, 0.3211,
0.2945

0.2430, 0.3634,
0.0776

0.0000, 0.1256,
0.0000

60.6586, 0.3268,
0.2692

60.6586, 0.3268,
0.2692

50.9376, 0.3330,
0.2486

72.2904, 0.3213,
0.2902

43.0155, 0.3397,
0.2294

85.9206, 0.3165,
0.3109

36.7815, 0.3469,
0.2125

99.9992, 0.3127,
0.3290

32.1091, 0.3544,
0.1990

■ 28.8538, 0.3619,
0.1897

■ 26.8443, 0.3691,
0.1851

■ 25.8276, 0.3761,
0.1848

■ 25.7497, 0.3767,
0.1849

Harmonies

Analogous

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



60.6586, 0.2756, 0.2498



60.6586, 0.3268, 0.2692



60.6586, 0.3778, 0.3018

Triad

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



60.6586, 0.3268, 0.2692



60.6586, 0.3891, 0.4136



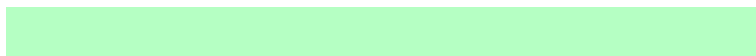
60.6586, 0.2233, 0.3033

Complementary

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



60.6586, 0.3268, 0.2692



85.2837, 0.3013, 0.3973

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.



60.6586, 0.2490, 0.3548



60.6586, 0.3268, 0.2692



60.6586, 0.3440, 0.4235

Square

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



60.6586, 0.3268, 0.2692



60.6586, 0.4146, 0.3821



60.6586, 0.2926, 0.4019



60.6586, 0.2196, 0.2654

Rectangle

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



60.6586, 0.3268, 0.2692



60.6586, 0.4029, 0.3281



60.6586, 0.2926, 0.4019



60.6586, 0.2295, 0.3196

Sweetspot

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



60.6613, 0.3268, 0.2692



85.9446, 0.3165, 0.3110



51.8174, 0.2708, 0.2463



17.9437, 0.3171, 0.3080



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.



60.6613, 0.3268, 0.2692



54.6204, 0.3304, 0.2568



58.6921, 0.3569, 0.3049



18.2379, 0.3167, 0.3099



13.4764, 0.3756, 0.1843



1.3267, 0.3682, 0.1802

Inverse Universe

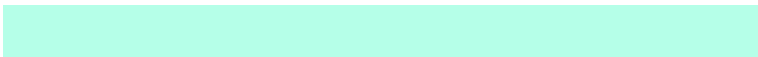
The Inverse Universe completely reimagines the original color for something new.



60.6613, 0.3268, 0.2692



54.6204, 0.3304, 0.2568



87.1441, 0.2822, 0.3547



18.2379, 0.3167, 0.3099



13.4764, 0.3756, 0.1843



1.3267, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 60.6586, 0.3268, 0.2692 looks on a white background.

Color Contrast Check

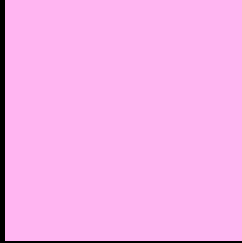
Large Text (above 18pt) WCAG AA × Fail

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 60.6586, 0.3268, 0.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

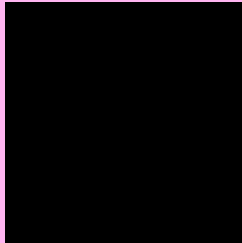
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6586, 0.3268, 0.2692

Background



This preview shows how black text looks on a background with the Yxy color 60.6586, 0.3268, 0.2692.



This preview shows how white text looks on a background with the Yxy color 60.6586, 0.3268, 0.2692.

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

60.6586, 0.3268, 0.2692

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

60.9783, 0.2938, 0.2879



Tritanopia

60.6022, 0.3526, 0.3134

Trichromacy



Original Color

60.6586, 0.3268, 0.2692



Protanomaly

60.3794, 0.2894, 0.2697



Deuteranomaly

60.4817, 0.3057, 0.2807



Tritanomaly

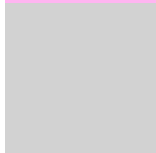
60.4031, 0.3432, 0.2960

Monochromacy



Original Color

60.6586, 0.3268, 0.2692



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.2361, 0.3177, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6586, 0.3268, 0.2692 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, 181, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 241)  
}
```

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, 181, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 241) }
```

Border

The CSS property to change the border of an element to Yxy 60.6586, 0.3268, 0.2692 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, 181, 241) }
```

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

```
.border{ border-color:rgb(255, 181, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6586, 0.3268, 0.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 241) }
```

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

```
.background{ background-color: rgb(255,  
181, 241) }
```

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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