

Converting Colors

$Yxy(60.0506, 0.3354, 0.2794)$

Have a look what the booklet for
Yxy(60.0506, 0.3354, 0.2794)
contains.

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Color

Yxy(60.0209, 0.3355, 0.2795)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5E6
RGB	255, 181, 230
RGB Percent	100%, 71%, 90%
CMY	0.0001, 0.2902, 0.0979
CMYK	0.00, 0.29, 0.10, 0.00
HSL	320°, 100%, 85%
HSV	320°, 29%, 100%
XYZ	72.0466, 60.0209, 82.6764
YIQ	208.7120, 28.3750, 30.9270

Conversions

Conversions Part 2

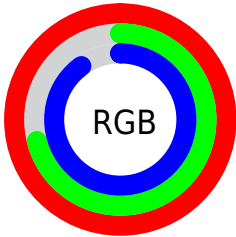
Format	Color
R _Y B	255, 181, 230
Decimal	16758246
CIE Lab	81.85, 34.13, -13.76
CIE LCh	82, 36.794, 338.047
Yxy	60.0209, 0.3355, 0.2795
Android (android.graphics.Color)	4294948326 (0xFFFFB5E6)
YUV	208.7120, 10.4950, 40.5946
Hunter-Lab	77.4732, 30.4190, -9.0408

Details

The Yxy color $60.0209, 0.3355, 0.2795$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.7900, 0.2955, 0.3844$, and the grayscale version is $63.4819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.1051, 0.3410, 0.2683$ is the 20% darker color. If you saturate the color by 10%, you get $50.1138, 0.3460, 0.2622$, and if you desaturate by 10%, it is $71.8549, 0.3264, 0.2970$.

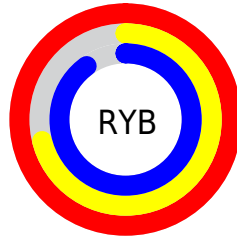
Distribution



Red (100%)

Green (71%)

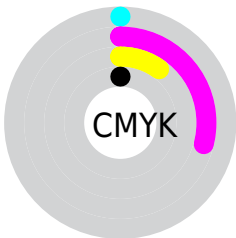
Blue (90%)



Red (100%)

Yellow (71%)

Blue (90%)

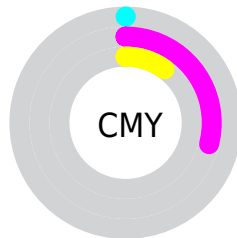


Cyan (0%)

Magenta (29%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0209, 0.3355, 0.2795 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 60.0209, 0.3355, 0.2795 by changing the saturation by 10% instead.


 60.0209, 0.3355,
0.2795

 60.0209, 0.3355,
0.2795


424.6748, 0.3251,
0.3022

 43.4355, 0.3378,
0.2744


 104.8600, 0.3319,
0.2873

 30.2269, 0.3407,
0.2681


133.8824, 0.3305,
0.2904

 20.0109, 0.3444,
0.2602


167.8194, 0.3293,
0.2930

 12.4030, 0.3491,
0.2499

207.0551, 0.3282,
0.2953

 7.0187, 0.3554,
0.2362

251.9742, 0.3273,
0.2973

 3.4738, 0.3643,
0.2168


302.9609, 0.3265,

 1.3838, 0.3776,


0.2991


0.1876


360.3996, 0.3257,
0.3007


 0.2048, 0.4255,
0.0836


 0.0000, 0.0000,
0.0000


 60.0209, 0.3355,
0.2795


 60.0209, 0.3355,
0.2795

 50.1138, 0.3460,
0.2622


 71.8549, 0.3264,
0.2970

 42.0213, 0.3580,
0.2458

 85.7036, 0.3186,
0.3142

 35.6324, 0.3713,
0.2315

99.9973, 0.3127,
0.3290

 30.8203, 0.3857,
0.2203

■ 27.4402, 0.4006,
0.2134

■ 25.3206, 0.4156,
0.2116

■ 24.2081, 0.4301,
0.2147

■ 24.1215, 0.4315,
0.2151

Harmonies

Analogous

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



60.0209, 0.2878, 0.2588



60.0209, 0.3355, 0.2795



60.0209, 0.3796, 0.3115

Triad

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



60.0209, 0.3355, 0.2795



60.0209, 0.3753, 0.4097



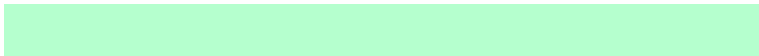
60.0209, 0.2287, 0.2979

Complementary

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



60.0209, 0.3355, 0.2795



85.7900, 0.2955, 0.3844

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.



60.0209, 0.2485, 0.3429



60.0209, 0.3355, 0.2795



60.0209, 0.3322, 0.4126

Square

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



60.0209, 0.3355, 0.2795



60.0209, 0.4026, 0.3847



60.0209, 0.2858, 0.3874



60.0209, 0.2293, 0.2665

Rectangle

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



60.0209, 0.3355, 0.2795



60.0209, 0.3992, 0.3362



60.0209, 0.2858, 0.3874



60.0209, 0.2331, 0.3118

Sweetspot

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



60.0236, 0.3355, 0.2795



85.7328, 0.3186, 0.3142



53.3444, 0.2787, 0.2481



17.8913, 0.3197, 0.3118



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.



60.0236, 0.3355, 0.2795



53.8724, 0.3416, 0.2690



58.1738, 0.3666, 0.3163



18.1901, 0.3190, 0.3134



12.6345, 0.4292, 0.2138



1.2506, 0.4136, 0.2052

Inverse Universe

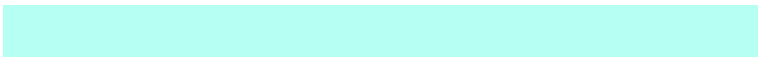
The Inverse Universe completely reimagines the original color for something new.



60.0236, 0.3355, 0.2795



53.8724, 0.3416, 0.2690



87.7861, 0.2766, 0.3423



18.1901, 0.3190, 0.3134



12.6345, 0.4292, 0.2138



1.2506, 0.4136, 0.2052

Previews

White Background



This preview shows how the Yxy color 60.0209, 0.3355, 0.2795 looks on a white background.

Color Contrast Check

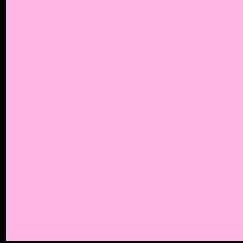
Large Text (above 18pt) WCAG AA × Fail

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 60.0209, 0.3355, 0.2795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

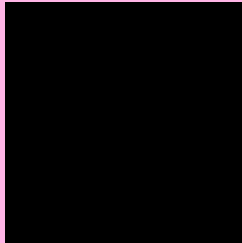
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0209, 0.3355, 0.2795

Background



This preview shows how black text looks on a background with the Yxy color 60.0209, 0.3355, 0.2795.



This preview shows how white text looks on a background with the Yxy color 60.0209, 0.3355, 0.2795.

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

60.0209, 0.3355, 0.2795

Protanopia

60.3748, 0.2796, 0.2816

Deuteranopia

60.0804, 0.3035, 0.2965



Tritanopia

59.8441, 0.3555, 0.3134

Trichromacy



Original Color

60.0209, 0.3355, 0.2795



Protanomaly

59.5673, 0.2982, 0.2798



Deuteranomaly

59.7947, 0.3145, 0.2900



Tritanomaly

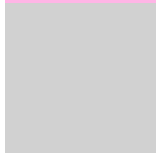
59.7299, 0.3475, 0.3000

Monochromacy



Original Color

60.0209, 0.3355, 0.2795



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

62.0254, 0.3207, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0209, 0.3355, 0.2795 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 230) }
```

Border

The CSS property to change the border of an element to Yxy 60.0209, 0.3355, 0.2795 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, 230) }
```

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

```
.border{ border-color:rgb(255, 181, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0209, 0.3355, 0.2795 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
181, 230) }
```

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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