

Converting Colors

$Y_{xy}(60.5529, 0.3326, 0.2770)$

Have a look what the booklet for
Yxy(60.5529, 0.3326, 0.2770)
contains.

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Color

Yxy(60.6564, 0.3322, 0.2767)

Conversions

Conversions Part 1

Format	Color
Hex	FFB6EA
RGB	255, 182, 234
RGB Percent	100%, 71%, 92%
CMY	0.0000, 0.2863, 0.0822
CMYK	0.00, 0.29, 0.08, 0.00
HSL	317°, 100%, 86%
HSV	317°, 29%, 100%
XYZ	72.8228, 60.6564, 85.7344
YIQ	209.7550, 26.8160, 31.6480

Conversions

Conversions Part 2

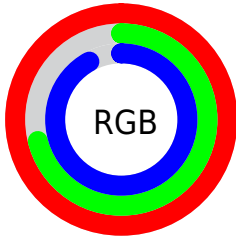
Format	Color
R _Y B	255, 182, 234
Decimal	16758506
CIE Lab	82.19, 34.27, -15.38
CIE LCh	82, 37.569, 335.827
Yxy	60.6564, 0.3322, 0.2767
Android (android.graphics.Color)	4294948586 (0xFFFFB6EA)
YUV	209.7550, 11.9528, 39.6799
Hunter-Lab	77.8822, 30.6102, -10.7502

Details

The Yxy color $60.6564, 0.3322, 0.2767$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.7756, 0.2976, 0.3878$, and the grayscale version is $64.1889, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $30.5230, 0.3364, 0.2648$ is the 20% darker color. If you saturate the color by 10%, you get $50.7355, 0.3412, 0.2582$, and if you desaturate by 10%, it is $72.5013, 0.3244, 0.2954$.

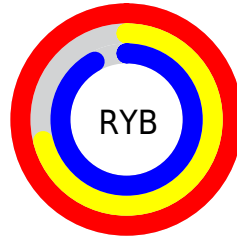
Distribution



Red (100%)

Green (71%)

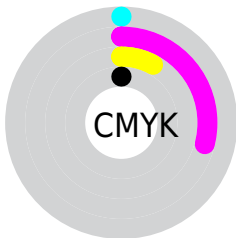
Blue (92%)



Red (100%)

Yellow (71%)

Blue (92%)

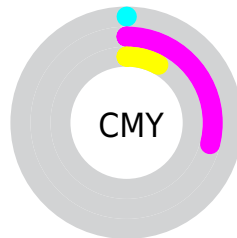


Cyan (0%)

Magenta (29%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6564, 0.3322, 0.2767 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 60.6564, 0.3322, 0.2767 by changing the saturation by 10% instead.


 60.6564, 0.3322,
0.2767

 60.6564, 0.3322,
0.2767


427.0130, 0.3234,
0.3005

 43.9479, 0.3341,
0.2713


 105.7813, 0.3292,
0.2849

 30.6296, 0.3365,
0.2648


134.9665, 0.3280,
0.2881

 20.3169, 0.3395,
0.2566


169.0794, 0.3270,
0.2909

 12.6256, 0.3433,
0.2459

208.5043, 0.3261,
0.2933

 7.1713, 0.3483,
0.2317

253.6258, 0.3253,
0.2954

 3.5694, 0.3551,
0.2118


304.8281, 0.3246,


 1.4358, 0.3650,


0.2973


0.1822


362.4957, 0.3240,
0.2990


 0.2429, 0.3998,
0.0892


 0.0000, 0.1020,
0.0000


 60.6564, 0.3322,
0.2767


 60.6564, 0.3322,
0.2767

 50.7355, 0.3412,
0.2582


 72.5013, 0.3244,
0.2954

 42.6276, 0.3513,
0.2408

 86.3584, 0.3177,
0.3138

 36.2220, 0.3624,
0.2254

100.0000, 0.3127,
0.3290

 31.3924, 0.3742,
0.2132

■ 27.9952, 0.3864,
0.2052

■ 25.8601, 0.3986,
0.2022

■ 24.7448, 0.4103,
0.2039

■ 24.6272, 0.4120,
0.2043

Harmonies

Analogous

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



60.6564, 0.2841, 0.2567



60.6564, 0.3322, 0.2767



60.6564, 0.3779, 0.3084

Triad

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



60.6564, 0.3322, 0.2767



60.6564, 0.3791, 0.4098



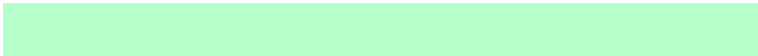
60.6564, 0.2281, 0.3003

Complementary

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



60.6564, 0.3322, 0.2767



85.7756, 0.2976, 0.3878

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.



60.6564, 0.2497, 0.3467



60.6564, 0.3322, 0.2767



60.6564, 0.3360, 0.4149

Square

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



60.6564, 0.3322, 0.2767



60.6564, 0.4053, 0.3831



60.6564, 0.2886, 0.3912



60.6564, 0.2272, 0.2671

Rectangle

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



60.6564, 0.3322, 0.2767



60.6564, 0.3990, 0.3334



60.6564, 0.2886, 0.3912



60.6564, 0.2331, 0.3148

Sweetspot

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



60.6589, 0.3322, 0.2767



85.8040, 0.3179, 0.3131



53.3288, 0.2767, 0.2487



17.9089, 0.3188, 0.3105



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.



60.6589, 0.3322, 0.2767



55.0947, 0.3369, 0.2667



58.7854, 0.3625, 0.3127



18.2062, 0.3182, 0.3122



12.8953, 0.4101, 0.2033



1.2745, 0.3975, 0.1963

Inverse Universe

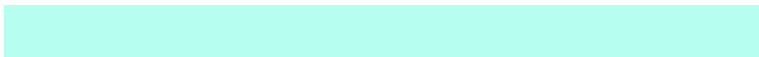
The Inverse Universe completely reimagines the original color for something new.



60.6589, 0.3322, 0.2767



55.0947, 0.3369, 0.2667



87.7081, 0.2789, 0.3462



18.2062, 0.3182, 0.3122



12.8953, 0.4101, 0.2033



1.2745, 0.3975, 0.1963

Previews

White Background



This preview shows how the Yxy color 60.6564, 0.3322, 0.2767 looks on a white background.

Color Contrast Check

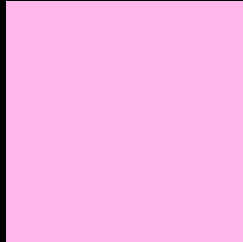
Large Text (above 18pt) WCAG AA × Fail

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 60.6564, 0.3322, 0.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

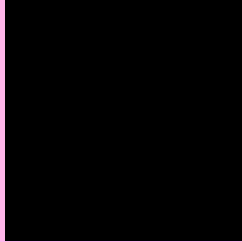
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6564, 0.3322, 0.2767

Background



This preview shows how black text looks on a background with the Yxy color 60.6564, 0.3322, 0.2767.



This preview shows how white text looks on a background with the Yxy color 60.6564, 0.3322, 0.2767.

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

60.6564, 0.3322, 0.2767

Protanopia

61.0913, 0.2773, 0.2786

Deuteranopia

60.7625, 0.3008, 0.2934



Tritanopia

60.7399, 0.3542, 0.3145

Trichromacy



Original Color

60.6564, 0.3322, 0.2767



Protanomaly

60.2530, 0.2955, 0.2769



Deuteranomaly

60.4601, 0.3116, 0.2870



Tritanomaly

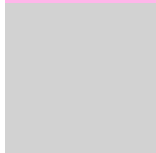
60.6683, 0.3455, 0.3001

Monochromacy



Original Color

60.6564, 0.3322, 0.2767



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.5918, 0.3191, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6564, 0.3322, 0.2767 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, 182, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 234)  
}
```

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, 182, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 234) }
```

Border

The CSS property to change the border of an element to Yxy 60.6564, 0.3322, 0.2767 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, 182, 234) }
```

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

```
.border{ border-color:rgb(255, 182, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6564, 0.3322, 0.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 234) }
```

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

```
.background{ background-color: rgb(255,  
182, 234) }
```

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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