

Converting Colors

$Y_{xy}(60.6158, 0.3276, 0.2702)$

Have a look what the booklet for
Yxy(60.6158, 0.3276, 0.2702)
contains.

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Color

Yxy(60.5990, 0.3276, 0.2701)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB5F0 |
| RGB | 255, 181, 240 |
| RGB Percent | 100%, 71%, 94% |
| CMY | 0.0000, 0.2902, 0.0588 |
| CMYK | 0.00, 0.29, 0.06, 0.00 |
| HSL | 312°, 100%, 85% |
| HSV | 312°, 29%, 100% |
| XYZ | 73.4996, 60.5990, 90.2591 |
| YIQ | 209.8520, 25.1650, 34.0370 |

Conversions

Conversions Part 2

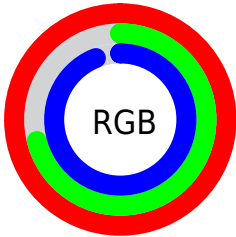
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 181, 240 |
| Decimal | 16758256 |
| CIE _{Lab} | 82.16, 35.82, -18.63 |
| CIE _{LCh} | 82, 40.376, 332.520 |
| Yxy | 60.5990, 0.3276, 0.2701 |
| Android (android.graphics.Color) | 4294948336 (0xFFFFB5F0) |
| YUV | 209.8520, 14.8630, 39.5948 |
| Hunter-Lab | 77.8454, 32.3057, -14.2530 |

Details

The Yxy color $60.5990, 0.3276, 0.2701$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.3282, 0.3008, 0.3962$, and the grayscale version is $64.2311, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.5098, 0.3301, 0.2565$ is the 20% darker color. If you saturate the color by 10%, you get $50.8554, 0.3341, 0.2498$, and if you desaturate by 10%, it is $72.2431, 0.3218, 0.2908$.

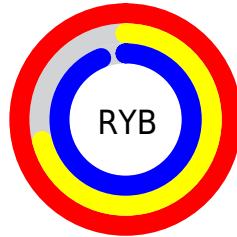
Distribution



Red (100%)

Green (71%)

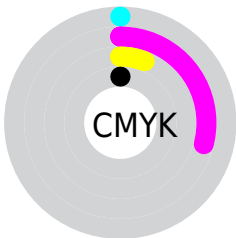
Blue (94%)



Red (100%)

Yellow (71%)

Blue (94%)

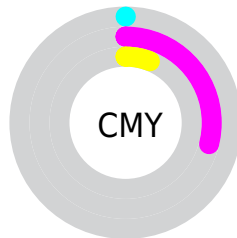


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5990, 0.3276, 0.2701 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 60.5990, 0.3276, 0.2701 by changing the saturation by 10% instead.


 60.5990, 0.3276,
0.2701

 60.5990, 0.3276,
0.2701


426.8022, 0.3211,
0.2968

 43.9016, 0.3290,
0.2642


 105.6981, 0.3254,
0.2792

 30.5932, 0.3306,
0.2569


134.8686, 0.3246,
0.2828

 20.2893, 0.3326,
0.2478


168.9657, 0.3238,
0.2859

 12.6055, 0.3351,
0.2362

208.3736, 0.3232,
0.2886

 7.1575, 0.3382,
0.2207

253.4768, 0.3226,
0.2910

 3.5608, 0.3421,
0.1993

304.6597, 0.3220,

 1.4310, 0.3470,

0.2932

0.1681

362.3067, 0.3216,
0.2951

0.2394, 0.3686,
0.0781

0.0000, 0.1221,
0.0000

60.5990, 0.3276,
0.2701

60.5990, 0.3276,
0.2701

50.8554, 0.3341,
0.2498

72.2431, 0.3218,
0.2908

42.9175, 0.3413,
0.2308

85.8924, 0.3167,
0.3112

36.6687, 0.3490,
0.2141

100.0000, 0.3127,
0.3290

31.9824, 0.3570,
0.2008

■ 28.7143, 0.3651,
0.1917

■ 26.6929, 0.3730,
0.1873

■ 25.6649, 0.3805,
0.1873

■ 25.5866, 0.3813,
0.1874

Harmonies

Analogous

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



60.5990, 0.2767, 0.2505



60.5990, 0.3276, 0.2701



60.5990, 0.3780, 0.3027

Triad

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



60.5990, 0.3276, 0.2701



60.5990, 0.3879, 0.4133



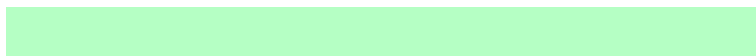
60.5990, 0.2238, 0.3028

Complementary

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



60.5990, 0.3276, 0.2701



85.3282, 0.3008, 0.3962

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.



60.5990, 0.2489, 0.3537



60.5990, 0.3276, 0.2701



60.5990, 0.3429, 0.4225

Square

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



60.5990, 0.3276, 0.2701



60.5990, 0.4136, 0.3824



60.5990, 0.2920, 0.4006



60.5990, 0.2204, 0.2654

Rectangle

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



60.5990, 0.3276, 0.2701



60.5990, 0.4026, 0.3288



60.5990, 0.2920, 0.4006



60.5990, 0.2298, 0.3189

Sweetspot

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



60.5960, 0.3276, 0.2701



85.9254, 0.3167, 0.3113



51.9730, 0.2716, 0.2465



17.9390, 0.3174, 0.3083



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.



60.5960, 0.3276, 0.2701



54.5507, 0.3314, 0.2579



58.6259, 0.3580, 0.3061



18.2336, 0.3169, 0.3102



13.3917, 0.3801, 0.1867



1.3191, 0.3720, 0.1823

Inverse Universe

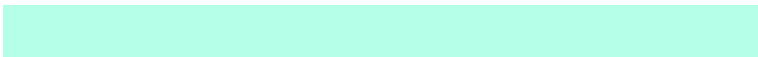
The Inverse Universe completely reimagines the original color for something new.



60.5960, 0.3276, 0.2701



54.5507, 0.3314, 0.2579



87.2145, 0.2816, 0.3534



18.2336, 0.3169, 0.3102



13.3917, 0.3801, 0.1867



1.3191, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 60.5990, 0.3276, 0.2701 looks on a white background.

Color Contrast Check

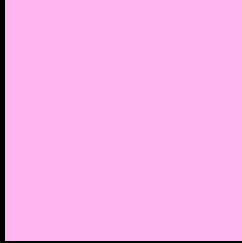
Large Text (above 18pt) WCAG AA × Fail

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 60.5990, 0.3276, 0.2701 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 60.5990, 0.3276, 0.2701

Background



This preview shows how black text looks on a background with the Yxy color 60.5990, 0.3276, 0.2701.



This preview shows how white text looks on a background with the Yxy color 60.5990, 0.3276, 0.2701.

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

60.5990, 0.3276, 0.2701

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

60.9783, 0.2938, 0.2879



Tritanopia

60.5547, 0.3534, 0.3144

Trichromacy



Original Color

60.5990, 0.3276, 0.2701



Protanomaly

60.3794, 0.2894, 0.2697



Deuteranomaly

60.4817, 0.3057, 0.2807



Tritanomaly

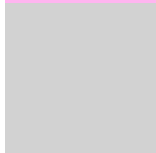
60.3512, 0.3440, 0.2970

Monochromacy



Original Color

60.5990, 0.3276, 0.2701



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 60.5990, 0.3276, 0.2701 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, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 240) }
```

Border

The CSS property to change the border of an element to Yxy 60.5990, 0.3276, 0.2701 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, 240) }
```

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

```
.border{ border-color:rgb(255, 181, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5990, 0.3276, 0.2701 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, 240) }
```

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

```
.background{ background-color: rgb(255,  
181, 240) }
```

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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