

Converting Colors

$Yxy(60.5933, 0.3181, 0.2652)$

Have a look what the booklet for
Yxy(60.5933, 0.3181, 0.2652)
contains.

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Color

Yxy(60.6605, 0.3181, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	F9B7F6
RGB	249, 183, 246
RGB Percent	98%, 72%, 96%
CMY	0.0233, 0.2824, 0.0352
CMYK	0.00, 0.27, 0.01, 0.02
HSL	303°, 85%, 85%
HSV	303°, 27%, 98%
XYZ	72.6510, 60.6605, 95.0789
YIQ	209.9160, 19.1130, 33.5850

Conversions

Conversions Part 2

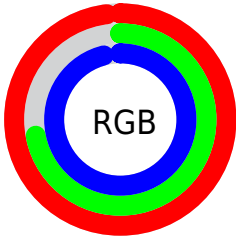
Format	Color
R _Y B	249, 183, 246
Decimal	16365558
CIE Lab	82.20, 33.90, -21.86
CIE LCh	82, 40.341, 327.188
Yxy	60.6605, 0.3181, 0.2656
Android (android.graphics.Color)	4294555638 (0xFFF9B7F6)
YUV	209.9160, 17.7894, 34.2767
Hunter-Lab	77.8849, 30.2063, -17.8596

Details

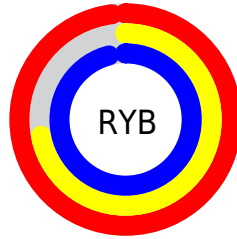
The Yxy color **60.6605, 0.3181, 0.2656** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.3968, 0.3075, 0.4018**, and the grayscale version is **64.2660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **30.6247, 0.3185, 0.2508** is the 20% darker color. If you saturate the color by 10%, you get **51.2134, 0.3204, 0.2420**, and if you desaturate by 10%, it is **71.9310, 0.3159, 0.2898**.

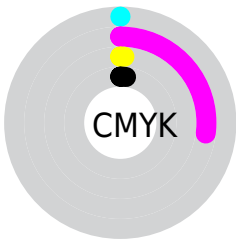
Distribution



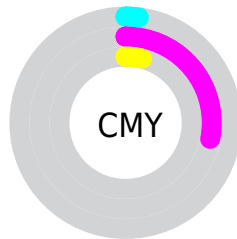
- Red (98%)
- Green (72%)
- Blue (96%)



- Red (98%)
- Yellow (72%)
- Blue (96%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (2%)




- Cyan (2%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6605, 0.3181, 0.2656 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 60.6605, 0.3181, 0.2656 by changing the saturation by 10% instead.

 60.6605, 0.3181,
0.2656

 60.6605, 0.3181,
0.2656


427.0281, 0.3162,
0.2942

 43.9512, 0.3184,
0.2592

 105.7872, 0.3176,
0.2754

 30.6322, 0.3187,
0.2515


134.9735, 0.3173,
0.2792

 20.3189, 0.3189,
0.2419

169.0875, 0.3171,
0.2826

 12.6271, 0.3191,
0.2295

208.5137, 0.3169,
0.2855

 7.1723, 0.3190,
0.2132

253.6364, 0.3167,
0.2881

 3.5701, 0.3181,
0.1908


304.8402, 0.3165,


 1.4361, 0.3153,


0.2903


0.1586


362.5093, 0.3164,
0.2924


 0.2431, 0.3195,
0.0720


 0.0000, 0.0109,
0.0000


 60.6605, 0.3181,
0.2656


 60.6605, 0.3181,
0.2656


 51.2134, 0.3204,
0.2420

 71.9310, 0.3159,
0.2898


 43.4859, 0.3227,
0.2200

 85.1057, 0.3139,
0.3137

 37.3760, 0.3250,
0.2005

 98.5380, 0.3122,
0.3343

 32.7678, 0.3272,
0.1844

 98.6099, 0.3116,
0.3332

■ 29.5299, 0.3292,
0.1724

■ 98.6823, 0.3109,
0.3321

■ 27.5083, 0.3310,
0.1648

■ 98.7551, 0.3103,
0.3310

■ 26.5100, 0.3325,
0.1614

■ 98.8284, 0.3096,
0.3299

■ 26.2991, 0.3330,
0.1608

■ 98.8900, 0.3091,
0.3290

Harmonies

Analogous

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



60.6605, 0.2688, 0.2489



60.6605, 0.3181, 0.2656



60.6605, 0.3698, 0.2962

Triad

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



60.6605, 0.3181, 0.2656



60.6605, 0.3941, 0.4089



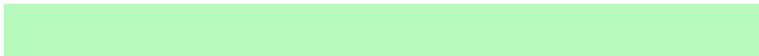
60.6605, 0.2268, 0.3112

Complementary

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



60.6605, 0.3181, 0.2656



81.3968, 0.3075, 0.4018

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.



60.6605, 0.2555, 0.3630



60.6605, 0.3181, 0.2656



60.6605, 0.3517, 0.4229

Square

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



60.6605, 0.3181, 0.2656



60.6605, 0.4152, 0.3756



60.6605, 0.3009, 0.4067



60.6605, 0.2195, 0.2708

Rectangle

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



60.6605, 0.3181, 0.2656



60.6605, 0.3970, 0.3216



60.6605, 0.3009, 0.4067



60.6605, 0.2341, 0.3280

Sweetspot

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



60.6632, 0.3181, 0.2656



87.6075, 0.3142, 0.3102



51.0384, 0.2680, 0.2529



18.2851, 0.3145, 0.3066



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.



60.6632, 0.3181, 0.2656



58.2812, 0.3193, 0.2525



58.8541, 0.3437, 0.2969



17.5100, 0.3145, 0.3067



14.0763, 0.3328, 0.1607



1.3079, 0.3313, 0.1598

Inverse Universe

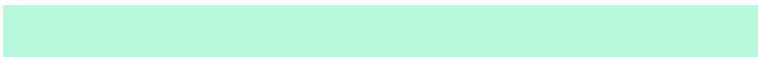
The Inverse Universe completely reimagines the original color for something new.



60.6632, 0.3181, 0.2656



58.2812, 0.3193, 0.2525



82.9243, 0.2899, 0.3637



17.5100, 0.3145, 0.3067



14.0763, 0.3328, 0.1607



1.3079, 0.3313, 0.1598

Previews

White Background



This preview shows how the Yxy color 60.6605, 0.3181, 0.2656 looks on a white background.

Color Contrast Check

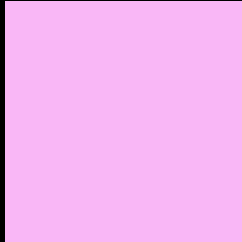
Large Text (above 18pt) WCAG AA × Fail

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 60.6605, 0.3181, 0.2656 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 60.6605, 0.3181, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 60.6605, 0.3181, 0.2656.



This preview shows how white text looks on a background with the Yxy color 60.6605, 0.3181, 0.2656.

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

60.6605, 0.3181, 0.2656

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

60.9014, 0.2878, 0.2814



Tritanopia

60.9025, 0.3454, 0.3142

Trichromacy



Original Color

60.6605, 0.3181, 0.2656



Protanomaly

60.6543, 0.2868, 0.2686



Deuteranomaly

60.6448, 0.2985, 0.2754



Tritanomaly

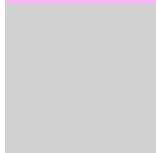
60.7266, 0.3354, 0.2956

Monochromacy



Original Color

60.6605, 0.3181, 0.2656



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.4836, 0.3147, 0.3038

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6605, 0.3181, 0.2656 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(249, 183, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 183, 246)  
}
```

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(249, 183, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 183, 246) }
```

Border

The CSS property to change the border of an element to Yxy 60.6605, 0.3181, 0.2656 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(249, 183, 246) }
```

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

```
.border{ border-color:rgb(249, 183, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 183, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 183, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 183, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 183,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6605, 0.3181, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 183, 246) }
```

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

```
.background{ background-color: rgb(249,  
183, 246) }
```

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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