

Converting Colors

$Y_{xy}(60.7133, 0.3263, 0.2687)$

Have a look what the booklet for
Yxy(60.7133, 0.3263, 0.2687)
contains.

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Color

Yxy(60.7186, 0.3260, 0.2683)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F2
RGB	255, 181, 242
RGB Percent	100%, 71%, 95%
CMY	0.0002, 0.2901, 0.0511
CMYK	0.00, 0.29, 0.05, 0.00
HSL	311°, 100%, 85%
HSV	311°, 29%, 100%
XYZ	73.7766, 60.7186, 91.8134
YIQ	210.0800, 24.5230, 34.6590

Conversions

Conversions Part 2

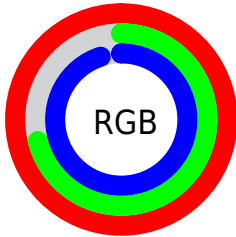
Format	Color
R _Y B	255, 181, 242
Decimal	16758258
CIE Lab	82.23, 36.12, -19.59
CIE LCh	82, 41.090, 331.523
Yxy	60.7186, 0.3260, 0.2683
Android (android.graphics.Color)	4294948338 (0xFFFFB5F2)
YUV	210.0800, 15.7366, 39.3948
Hunter-Lab	77.9221, 32.6399, -15.3142

Details

The Yxy color $60.7186, 0.3260, 0.2683$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.2185, 0.3018, 0.3985$, and the grayscale version is $64.3875, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.5942, 0.3280, 0.2542$ is the 20% darker color. If you saturate the color by 10%, you get $51.0164, 0.3318, 0.2475$, and if you desaturate by 10%, it is $72.3301, 0.3208, 0.2896$.

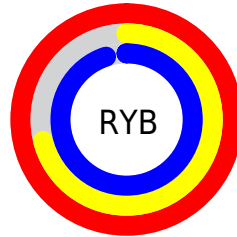
Distribution



Red (100%)

Green (71%)

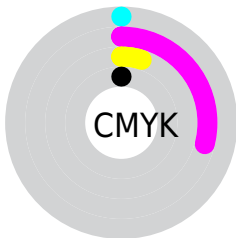
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

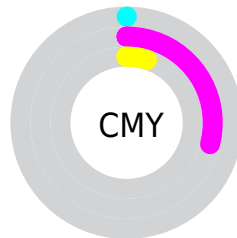


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7186, 0.3260, 0.2683 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 60.7186, 0.3260, 0.2683 by changing the saturation by 10% instead.

 60.7186, 0.3260,
0.2683

 60.7186, 0.3260,
0.2683

427.2415, 0.3203,
0.2957

 43.9981, 0.3272,
0.2622

 105.8714, 0.3241,
0.2777

 30.6690, 0.3286,
0.2548


135.0725, 0.3234,
0.2814

 20.3469, 0.3303,
0.2455


169.2025, 0.3227,
0.2846

 12.6475, 0.3323,
0.2336

208.6460, 0.3221,
0.2874

 7.1863, 0.3348,
0.2178

253.7872, 0.3216,
0.2898

 3.5789, 0.3378,
0.1961


305.0106, 0.3211,


 1.4409, 0.3411,


0.2920


0.1645


362.7006, 0.3207,
0.2940


 0.2466, 0.3583,
0.0770


 0.0000, 0.1285,
0.0000


 60.7186, 0.3260,
0.2683

 60.7186, 0.3260,
0.2683

 51.0164, 0.3318,
0.2475


 72.3301, 0.3208,
0.2896

 43.1117, 0.3381,
0.2280

 85.9385, 0.3163,
0.3107

 36.8936, 0.3448,
0.2109

99.9927, 0.3127,
0.3290

 32.2359, 0.3517,
0.1972

■ 28.9940, 0.3585,
0.1877

■ 26.9969, 0.3652,
0.1829

■ 25.9922, 0.3715,
0.1823

■ 25.9143, 0.3722,
0.1824

Harmonies

Analogous

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



60.7186, 0.2745, 0.2490



60.7186, 0.3260, 0.2683



60.7186, 0.3776, 0.3010

Triad

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



60.7186, 0.3260, 0.2683



60.7186, 0.3903, 0.4139



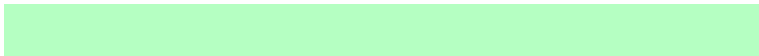
60.7186, 0.2229, 0.3038

Complementary

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



60.7186, 0.3260, 0.2683



85.2185, 0.3018, 0.3985

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.



60.7186, 0.2491, 0.3559



60.7186, 0.3260, 0.2683



60.7186, 0.3450, 0.4244

Square

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



60.7186, 0.3260, 0.2683



60.7186, 0.4157, 0.3819



60.7186, 0.2933, 0.4032



60.7186, 0.2188, 0.2653

Rectangle

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



60.7186, 0.3260, 0.2683



60.7186, 0.4032, 0.3273



60.7186, 0.2933, 0.4032



60.7186, 0.2292, 0.3203

Sweetspot

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



60.7213, 0.3260, 0.2683



85.9644, 0.3163, 0.3107



51.6606, 0.2699, 0.2461



17.9486, 0.3169, 0.3076



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.



60.7213, 0.3260, 0.2683



54.6926, 0.3294, 0.2557



58.7525, 0.3558, 0.3036



18.2424, 0.3165, 0.3096



13.5654, 0.3712, 0.1818



1.3345, 0.3644, 0.1781

Inverse Universe

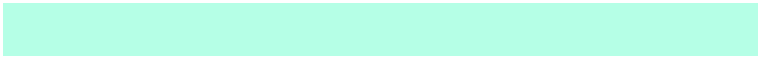
The Inverse Universe completely reimagines the original color for something new.



60.7213, 0.3260, 0.2683



54.6926, 0.3294, 0.2557



87.0537, 0.2828, 0.3561



18.2424, 0.3165, 0.3096



13.5654, 0.3712, 0.1818



1.3345, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 60.7186, 0.3260, 0.2683 looks on a white background.

Color Contrast Check

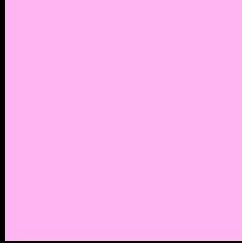
Large Text (above 18pt) WCAG AA × Fail

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 60.7186, 0.3260, 0.2683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

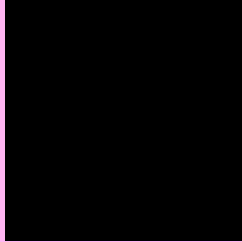
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7186, 0.3260, 0.2683

Background



This preview shows how black text looks on a background with the Yxy color 60.7186, 0.3260, 0.2683.



This preview shows how white text looks on a background with the Yxy color 60.7186, 0.3260, 0.2683.

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

60.7186, 0.3260, 0.2683

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.0369, 0.2931, 0.2868



Tritanopia

60.6022, 0.3526, 0.3134

Trichromacy



Original Color

60.7186, 0.3260, 0.2683



Protanomaly

60.3794, 0.2894, 0.2697



Deuteranomaly

60.5407, 0.3050, 0.2797



Tritanomaly

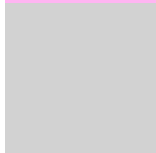
60.4031, 0.3432, 0.2960

Monochromacy



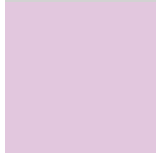
Original Color

60.7186, 0.3260, 0.2683



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.2895, 0.3170, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7186, 0.3260, 0.2683 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, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 242)  
}
```

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, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 242) }
```

Border

The CSS property to change the border of an element to Yxy 60.7186, 0.3260, 0.2683 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, 242) }
```

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

```
.border{ border-color:rgb(255, 181, 242) }
```

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, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7186, 0.3260, 0.2683 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, 242) }
```

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

```
.background{ background-color: rgb(255,  
181, 242) }
```

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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