

Converting Colors

$Y_{xy}(66.7710, 0.3176, 0.2728)$

Have a look what the booklet for
Yxy(66.7710, 0.3176, 0.2728)
contains.

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Color

Yxy(66.6194, 0.3176, 0.2728)

Conversions

Conversions Part 1

Format	Color
Hex	FEC2FB
RGB	254, 194, 251
RGB Percent	100%, 76%, 98%
CMY	0.0041, 0.2391, 0.0157
CMYK	0.00, 0.24, 0.01, 0.00
HSL	303°, 97%, 88%
HSV	303°, 24%, 100%
XYZ	77.5598, 66.6194, 100.0268
YIQ	218.4380, 17.4630, 30.4470

Conversions

Conversions Part 2

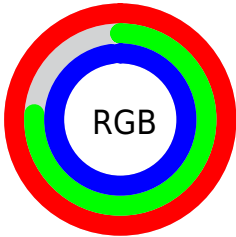
Format	Color
RYB	254, 194, 251
Decimal	16696059
CIELab	85.31, 30.55, -19.75
CIELCh	85, 36.376, 327.119
Yxy	66.6194, 0.3176, 0.2728
Android (android.graphics.Color)	4294886139 (0xFFFECE2FB)
YUV	218.4380, 16.0531, 31.1879
Hunter-Lab	81.6207, 26.7828, -15.5258

Details

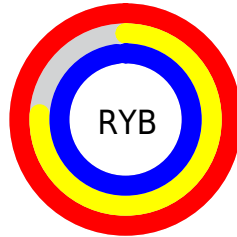
The Yxy color **66.6194, 0.3176, 0.2728** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.3517, 0.3080, 0.3925**, and the grayscale version is **70.3066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **34.5215, 0.3189, 0.2612** is the 20% darker color. If you saturate the color by 10%, you get **56.1870, 0.3199, 0.2490**, and if you desaturate by 10%, it is **78.9896, 0.3154, 0.2969**.

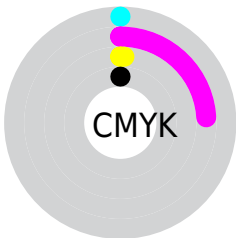
Distribution



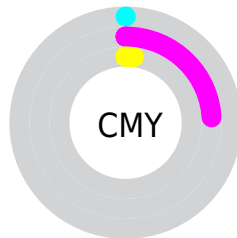
- Red (100%)
- Green (76%)
- Blue (98%)



- Red (100%)
- Yellow (76%)
- Blue (98%)



- Cyan (0%)
- Magenta (24%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6194, 0.3176, 0.2728 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 66.6194, 0.3176, 0.2728 by changing the saturation by 10% instead.

 66.6194, 0.3176,
0.2728

 66.6194, 0.3176,
0.2728


448.5888, 0.3158,
0.2979

 48.7754, 0.3179,
0.2673


 114.3749, 0.3171,
0.2814

 34.4413, 0.3182,
0.2605


145.0551, 0.3168,
0.2847

 23.2329, 0.3185,
0.2522


180.7829, 0.3166,
0.2877

 14.7655, 0.3188,
0.2416

221.9427, 0.3164,
0.2902

 8.6550, 0.3189,
0.2276

268.9187, 0.3163,
0.2925

 4.5168, 0.3186,
0.2085


322.0955, 0.3161,


 1.9667, 0.3172,


0.2945


0.1809


381.8574, 0.3160,
0.2963


 0.5880, 0.3144,
0.1325


 0.0000, 0.2363,
0.0000


 66.6194, 0.3176,
0.2728


 66.6194, 0.3176,
0.2728

 56.1870, 0.3199,
0.2490


 78.9896, 0.3154,
0.2969

 47.5856, 0.3223,
0.2265

 93.3799, 0.3134,
0.3207

 40.7111, 0.3247,
0.2061

99.7837, 0.3122,
0.3292

 35.4459, 0.3271,
0.1890

99.8001, 0.3121,
0.3290

■ 31.6574, 0.3293,
0.1758

■ 29.1921, 0.3312,
0.1669

■ 27.8628, 0.3329,
0.1625

■ 27.4359, 0.3339,
0.1613

Harmonies

Analogous

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



66.6194, 0.2742, 0.2580



66.6194, 0.3176, 0.2728



66.6194, 0.3626, 0.3002

Triad

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



66.6194, 0.3176, 0.2728



66.6194, 0.3845, 0.3995



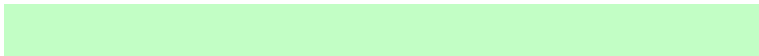
66.6194, 0.2369, 0.3141

Complementary

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



66.6194, 0.3176, 0.2728



86.3517, 0.3080, 0.3925

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.



66.6194, 0.2628, 0.3588



66.6194, 0.3176, 0.2728



66.6194, 0.3476, 0.4107

Square

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



66.6194, 0.3176, 0.2728



66.6194, 0.4024, 0.3708



66.6194, 0.3029, 0.3961



66.6194, 0.2302, 0.2783

Rectangle

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



66.6194, 0.3176, 0.2728



66.6194, 0.3862, 0.3229



66.6194, 0.3029, 0.3961



66.6194, 0.2436, 0.3287

Sweetspot

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



66.6223, 0.3176, 0.2728



89.0787, 0.3141, 0.3127



57.4898, 0.2736, 0.2624



18.8753, 0.3142, 0.3112



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.



66.6223, 0.3176, 0.2728



62.3703, 0.3186, 0.2622



64.9315, 0.3395, 0.3006



18.2840, 0.3146, 0.3067



14.4786, 0.3337, 0.1612



1.4143, 0.3321, 0.1603

Inverse Universe

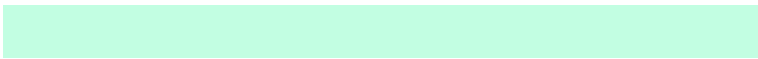
The Inverse Universe completely reimagines the original color for something new.



66.6223, 0.3176, 0.2728



62.3703, 0.3186, 0.2622



87.8112, 0.2922, 0.3594



18.2840, 0.3146, 0.3067



14.4786, 0.3337, 0.1612



1.4143, 0.3321, 0.1603

Previews

White Background



This preview shows how the Yxy color 66.6194, 0.3176, 0.2728 looks on a white background.

Color Contrast Check

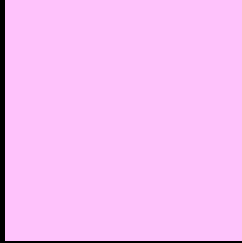
Large Text (above 18pt) WCAG AA × Fail

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 66.6194, 0.3176, 0.2728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

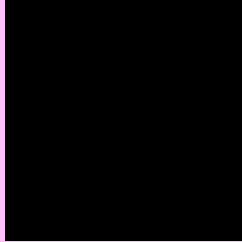
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6194, 0.3176, 0.2728

Background



This preview shows how black text looks on a background with the Yxy color 66.6194, 0.3176, 0.2728.



This preview shows how white text looks on a background with the Yxy color 66.6194, 0.3176, 0.2728.

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

66.6194, 0.3176, 0.2728

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

66.6408, 0.2925, 0.2862



Tritanopia

66.4062, 0.3394, 0.3125

Trichromacy



Original Color

66.6194, 0.3176, 0.2728



Protanomaly

66.3480, 0.2921, 0.2775



Deuteranomaly

66.3744, 0.3010, 0.2811



Tritanomaly

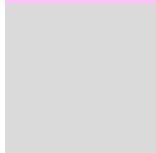
66.5545, 0.3313, 0.2975

Monochromacy



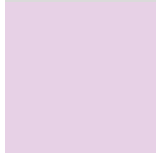
Original Color

66.6194, 0.3176, 0.2728



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.3030, 0.3145, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6194, 0.3176, 0.2728 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(254, 194, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 251)  
}
```

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(254, 194, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 251) }
```

Border

The CSS property to change the border of an element to Yxy 66.6194, 0.3176, 0.2728 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(254, 194, 251) }
```

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

```
.border{ border-color:rgb(254, 194, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6194, 0.3176, 0.2728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 251) }
```

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

```
.background{ background-color: rgb(254,  
194, 251) }
```

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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