

Converting Colors

Yxy(66.9481, 0.3143, 0.2695)

Have a look what the booklet for
Yxy(66.9481, 0.3143, 0.2695)
contains.

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Color

Yxy(66.6862, 0.3140, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	FDC2FF
RGB	253, 194, 255
RGB Percent	99%, 76%, 100%
CMY	0.0079, 0.2391, 0.0000
CMYK	0.01, 0.24, 0.00, 0.00
HSL	298°, 100%, 88%
HSV	298°, 24%, 100%
XYZ	77.8419, 66.6862, 103.3760
YIQ	218.5950, 15.5830, 31.4790

Conversions

Conversions Part 2

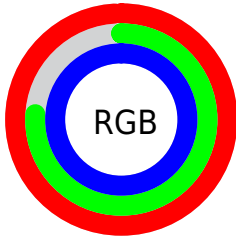
Format	Color
R _Y B	253, 194, 255
Decimal	16630527
CIE Lab	85.35, 30.97, -21.84
CIE LCh	85, 37.893, 324.812
Yxy	66.6862, 0.3140, 0.2690
Android (android.graphics.Color)	4294820607 (0xFFFD C2FF)
YUV	218.5950, 17.9477, 30.1732
Hunter-Lab	81.6616, 27.2428, -17.8925

Details

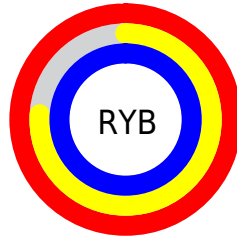
The Yxy color **66.6862, 0.3140, 0.2690** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.1576, 0.3108, 0.3967**, and the grayscale version is **70.4096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **34.5691, 0.3141, 0.2565** is the 20% darker color. If you saturate the color by 10%, you get **56.1357, 0.3144, 0.2440**, and if you desaturate by 10%, it is **79.1907, 0.3135, 0.2944**.

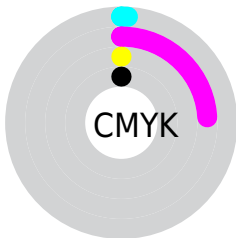
Distribution



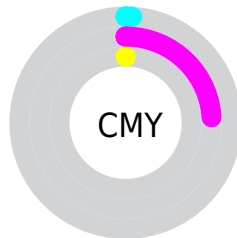
- Red (99%)
- Green (76%)
- Blue (100%)



- Red (99%)
- Yellow (76%)
- Blue (100%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6862, 0.3140, 0.2690 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 66.6862, 0.3140, 0.2690 by changing the saturation by 10% instead.

 66.6862, 0.3140,
0.2690

 66.6862, 0.3140,
0.2690

448.8270, 0.3140,
0.2957

 48.8297, 0.3139,
0.2631

 114.4707, 0.3141,
0.2781

 34.4844, 0.3137,
0.2560


145.1673, 0.3141,
0.2817

 23.2660, 0.3133,
0.2472


180.9129, 0.3141,
0.2848

 14.7900, 0.3127,
0.2360


222.0917, 0.3141,
0.2875

 8.6721, 0.3117,
0.2214

269.0881, 0.3140,
0.2899

 4.5280, 0.3096,
0.2014


322.2865, 0.3140,


 1.9731, 0.3055,


0.2921


0.1730


382.0713, 0.3140,
0.2940


 0.5917, 0.2977,
0.1246


 0.0000, 0.2161,
0.0000


 66.6862, 0.3140,
0.2690

 66.6862, 0.3140,
0.2690

 56.1357, 0.3144,
0.2440


 79.1907, 0.3135,
0.2944

 47.4311, 0.3146,
0.2202

 93.7328, 0.3130,
0.3195

 40.4671, 0.3147,
0.1988

100.0000, 0.3127,
0.3290

 35.1243, 0.3145,
0.1806

■ 31.2682, 0.3142,
0.1665

■ 28.7429, 0.3136,
0.1567

■ 27.3578, 0.3129,
0.1513

■ 26.9076, 0.3125,
0.1495

Harmonies

Analogous

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



66.6862, 0.2696, 0.2548



66.6862, 0.3140, 0.2690



66.6862, 0.3613, 0.2965

Triad

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



66.6862, 0.3140, 0.2690



66.6862, 0.3896, 0.4004



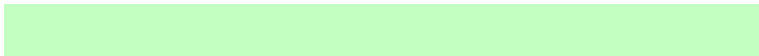
66.6862, 0.2354, 0.3167

Complementary

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



66.6862, 0.3140, 0.2690



87.1576, 0.3108, 0.3967

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.



66.6862, 0.2635, 0.3635



66.6862, 0.3140, 0.2690



66.6862, 0.3522, 0.4142

Square

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



66.6862, 0.3140, 0.2690



66.6862, 0.4065, 0.3695



66.6862, 0.3059, 0.4013



66.6862, 0.2269, 0.2784

Rectangle

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



66.6862, 0.3140, 0.2690



66.6862, 0.3869, 0.3197



66.6862, 0.3059, 0.4013



66.6862, 0.2427, 0.3321

Sweetspot

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



66.6891, 0.3140, 0.2690



89.0229, 0.3131, 0.3118



58.1944, 0.2718, 0.2634



18.8624, 0.3132, 0.3103



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.



66.6891, 0.3140, 0.2690



61.0848, 0.3142, 0.2562



65.3723, 0.3367, 0.2961



18.2678, 0.3133, 0.3056



14.0735, 0.3126, 0.1496



1.3796, 0.3136, 0.1501

Inverse Universe

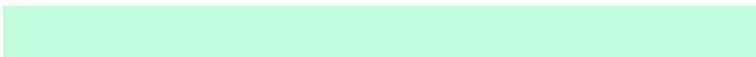
The Inverse Universe completely reimagines the original color for something new.



63.8391, 0.3612, 0.3270



57.7682, 0.3753, 0.3266



88.2912, 0.2941, 0.3644



17.9969, 0.3289, 0.3283



11.1227, 0.6367, 0.3281



1.0863, 0.6288, 0.3237

Previews

White Background



This preview shows how the Yxy color 66.6862, 0.3140, 0.2690 looks on a white background.

Color Contrast Check

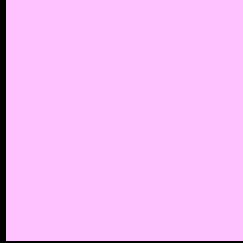
Large Text (above 18pt) WCAG AA × Fail

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 66.6862, 0.3140, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

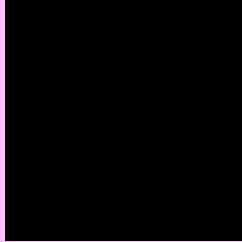
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6862, 0.3140, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 66.6862, 0.3140, 0.2690.



This preview shows how white text looks on a background with the Yxy color 66.6862, 0.3140, 0.2690.

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

66.6862, 0.3140, 0.2690

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

67.0763, 0.2887, 0.2831



Tritanopia

66.7395, 0.3377, 0.3125

Trichromacy



Original Color

66.6862, 0.3140, 0.2690



Protanomaly

66.4122, 0.2915, 0.2765



Deuteranomaly

66.9356, 0.2977, 0.2782



Tritanomaly

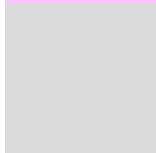
66.4817, 0.3290, 0.2954

Monochromacy



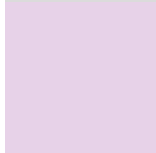
Original Color

66.6862, 0.3140, 0.2690



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

68.9083, 0.3131, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6862, 0.3140, 0.2690 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(253, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 194, 255)  
}
```

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(253, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.6862, 0.3140, 0.2690 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(253, 194, 255) }
```

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

```
.border{ border-color:rgb(253, 194, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 194, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6862, 0.3140, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 194, 255) }
```

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

```
.background{ background-color: rgb(253,  
194, 255) }
```

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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