

Converting Colors

Yxy(66.5772, 0.3055, 0.2718)

Have a look what the booklet for
Yxy(66.5772, 0.3055, 0.2718)
contains.

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Color

Yxy(66.4854, 0.3058, 0.2715)

Conversions

Conversions Part 1

Format	Color
Hex	F2C6FF
RGB	242, 198, 255
RGB Percent	95%, 78%, 100%
CMY	0.0507, 0.2236, 0.0000
CMYK	0.05, 0.22, 0.00, 0.00
HSL	286°, 100%, 89%
HSV	286°, 22%, 100%
XYZ	74.8848, 66.4854, 103.5115
YIQ	217.6540, 7.9270, 27.0550

Conversions

Conversions Part 2

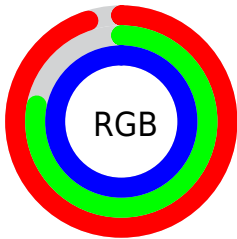
Format	Color
R _Y B	242, 198, 255
Decimal	15910655
CIE Lab	85.24, 25.41, -22.10
CIE LCh	85, 33.673, 318.985
Yxy	66.4854, 0.3058, 0.2715
Android (android.graphics.Color)	4294100735 (0xFFFF2C6FF)
YUV	217.6540, 18.4116, 21.3514
Hunter-Lab	81.5386, 21.2415, -18.1904

Details

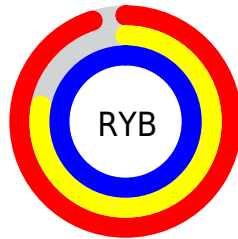
The Yxy color $66.4854, 0.3058, 0.2715$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.4287, 0.3178, 0.3904$, and the grayscale version is $69.7319, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3380, 0.3033, 0.2593$ is the 20% darker color. If you saturate the color by 10%, you get $54.7899, 0.3017, 0.2446$, and if you desaturate by 10%, it is $80.1783, 0.3093, 0.2979$.

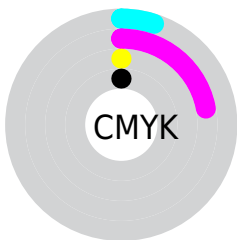
Distribution



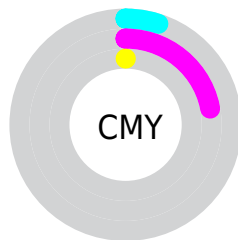
- Red (95%)
- Green (78%)
- Blue (100%)



- Red (95%)
- Yellow (78%)
- Blue (100%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4854, 0.3058, 0.2715 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 66.4854, 0.3058, 0.2715 by changing the saturation by 10% instead.


 66.4854, 0.3058,
0.2715

 66.4854, 0.3058,
0.2715


448.1108, 0.3095,
0.2973

 48.6665, 0.3048,
0.2658


114.1827, 0.3072,
0.2803

 34.3550, 0.3036,
0.2589


144.8300, 0.3077,
0.2837

 23.1665, 0.3020,
0.2503


180.5222, 0.3081,
0.2867

 14.7165, 0.2997,
0.2394

221.6437, 0.3085,
0.2894

 8.6207, 0.2964,
0.2250

268.5789, 0.3088,
0.2917

 4.4946, 0.2913,
0.2053


321.7123, 0.3090,


 1.9539, 0.2825,


0.2938


0.1770


381.4281, 0.3093,
0.2956


 0.5805, 0.2673,
0.1275


 0.0000, 0.1097,
0.0000

 66.4854, 0.3058,
0.2715

 66.4854, 0.3058,
0.2715

 54.7899, 0.3017,
0.2446


 80.1783, 0.3093,
0.2979

 44.9890, 0.2970,
0.2180

 95.9558, 0.3121,
0.3232

 36.9772, 0.2917,
0.1929

100.0000, 0.3127,
0.3290

 30.6366, 0.2859,
0.1703

■ 25.8352, 0.2799,
0.1514

■ 22.4206, 0.2737,
0.1369

■ 20.2088, 0.2676,
0.1271

■ 19.1217, 0.2630,
0.1223

Harmonies

Analogous

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



66.4854, 0.2678, 0.2615



66.4854, 0.3058, 0.2715



66.4854, 0.3483, 0.2944

Triad

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



66.4854, 0.3058, 0.2715



66.4854, 0.3860, 0.3886



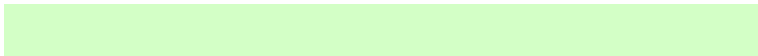
66.4854, 0.2471, 0.3264

Complementary

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



66.4854, 0.3058, 0.2715



89.4287, 0.3178, 0.3904

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.



66.4854, 0.2756, 0.3672



66.4854, 0.3058, 0.2715



66.4854, 0.3557, 0.4039

Square

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



66.4854, 0.3058, 0.2715



66.4854, 0.3963, 0.3595



66.4854, 0.3151, 0.3969



66.4854, 0.2357, 0.2898

Rectangle

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



66.4854, 0.3058, 0.2715



66.4854, 0.3728, 0.3147



66.4854, 0.3151, 0.3969



66.4854, 0.2549, 0.3402

Sweetspot

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



66.4868, 0.3058, 0.2715



88.3764, 0.3109, 0.3117



65.9489, 0.2758, 0.2811



18.7122, 0.3107, 0.3102



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.



66.4868, 0.3058, 0.2715



60.8220, 0.3040, 0.2591



67.9142, 0.3263, 0.2873



18.0807, 0.3101, 0.3053



10.0614, 0.2640, 0.1228



1.0280, 0.2708, 0.1265

Inverse Universe

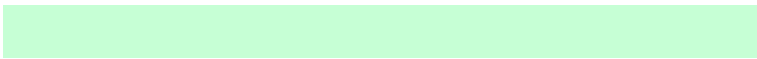
The Inverse Universe completely reimagines the original color for something new.



66.3329, 0.3484, 0.3159



60.6934, 0.3582, 0.3130



88.3351, 0.3014, 0.3746



18.0545, 0.3258, 0.3236



11.2856, 0.6006, 0.3082



1.1145, 0.5698, 0.2913

Previews

White Background



This preview shows how the Yxy color 66.4854, 0.3058, 0.2715 looks on a white background.

Color Contrast Check

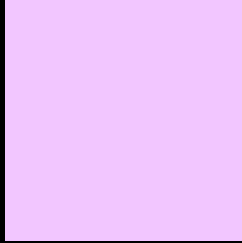
Large Text (above 18pt) WCAG AA × Fail

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 66.4854, 0.3058, 0.2715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

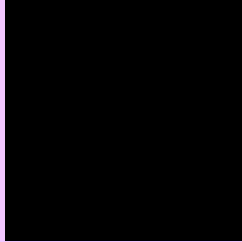
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4854, 0.3058, 0.2715

Background



This preview shows how black text looks on a background with the Yxy color 66.4854, 0.3058, 0.2715.



This preview shows how white text looks on a background with the Yxy color 66.4854, 0.3058, 0.2715.

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

66.4854, 0.3058, 0.2715

Protanopia

66.5050, 0.2790, 0.2813

Deuteranopia

66.4997, 0.2874, 0.2809



Tritanopia

66.3576, 0.3265, 0.3120

Trichromacy



Original Color

66.4854, 0.3058, 0.2715

Protanomaly

66.1143, 0.2881, 0.2771

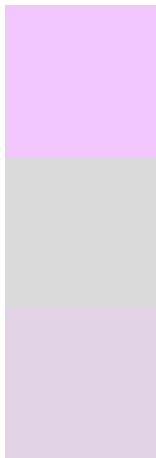
Deuteranomaly

66.1888, 0.2935, 0.2766

Tritanomaly

66.4750, 0.3188, 0.2967

Monochromacy



Original Color

66.4854, 0.3058, 0.2715

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.6889, 0.3108, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4854, 0.3058, 0.2715 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(242, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 198, 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(242, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.4854, 0.3058, 0.2715 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(242, 198, 255) }
```

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

```
.border{ border-color:rgb(242, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4854, 0.3058, 0.2715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 198, 255) }
```

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

```
.background{ background-color: rgb(242,  
198, 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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