

Converting Colors

$Y_{xy}(65.5525, 0.3098, 0.2680)$

Have a look what the booklet for
Yxy(65.5525, 0.3098, 0.2680)
contains.

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Color

Yxy(65.5777, 0.3095, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	F7C2FF
RGB	247, 194, 255
RGB Percent	97%, 76%, 100%
CMY	0.0317, 0.2391, 0.0001
CMYK	0.03, 0.24, 0.00, 0.00
HSL	292°, 100%, 88%
HSV	292°, 24%, 100%
XYZ	75.6760, 65.5777, 103.2568
YIQ	216.8010, 12.0070, 30.2070

Conversions

Conversions Part 2

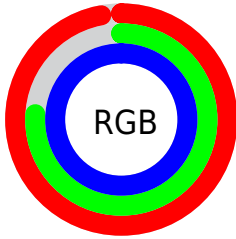
Format	Color
R _Y B	247, 194, 255
Decimal	16237311
CIE Lab	84.78, 29.02, -22.73
CIE LCh	85, 36.867, 321.927
Yxy	65.5777, 0.3095, 0.2682
Android (android.graphics.Color)	4294427391 (0xFFF7C2FF)
YUV	216.8010, 18.8321, 26.4845
Hunter-Lab	80.9801, 25.0934, -18.9140

Details

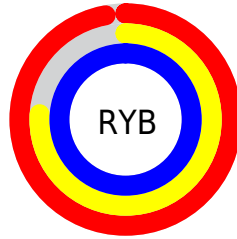
The Yxy color $65.5777, 0.3095, 0.2682$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.9721, 0.3145, 0.3959$, and the grayscale version is $69.1054, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4744, 0.3129, 0.3252$, and $33.7805, 0.3082, 0.2552$ is the 20% darker color. If you saturate the color by 10%, you get $54.5781, 0.3075, 0.2422$, and if you desaturate by 10%, it is $78.5413, 0.3111, 0.2942$.

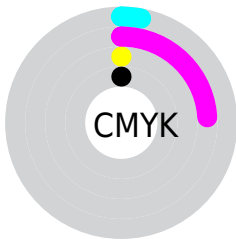
Distribution



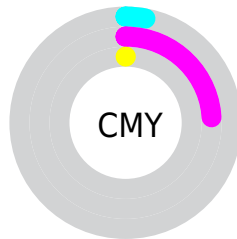
- Red (97%)
- Green (76%)
- Blue (100%)



- Red (97%)
- Yellow (76%)
- Blue (100%)



- Cyan (3%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5777, 0.3095, 0.2682 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 65.5777, 0.3095, 0.2682 by changing the saturation by 10% instead.


 65.5777, 0.3095,
0.2682

 65.5777, 0.3095,
0.2682


444.8651, 0.3116,
0.2954

 47.9297, 0.3089,
0.2622


 112.8800, 0.3103,
0.2775

 33.7712, 0.3081,
0.2550


143.3031, 0.3106,
0.2811

 22.7179, 0.3070,
0.2459


178.7533, 0.3108,
0.2843

 14.3853, 0.3054,
0.2345

219.6150, 0.3110,
0.2870

 8.3892, 0.3030,
0.2194

266.2726, 0.3112,
0.2895

 4.3450, 0.2991,
0.1989


319.1106, 0.3113,


 1.8683, 0.2919,

0.2917

0.1697


378.5133, 0.3115,
0.2936


 0.5292, 0.2799,
0.1168


 0.0000, 0.1423,
0.0000


 65.5777, 0.3095,
0.2682


 65.5777, 0.3095,
0.2682

 54.5781, 0.3075,
0.2422


 78.5413, 0.3111,
0.2942

 45.4345, 0.3052,
0.2171

 93.5527, 0.3123,
0.3195

 38.0416, 0.3024,
0.1939

99.9985, 0.3127,
0.3290

 32.2799, 0.2994,
0.1737

■ 28.0150, 0.2961,
0.1575

■ 25.0910, 0.2927,
0.1456

■ 23.3172, 0.2892,
0.1383

■ 22.6344, 0.2871,
0.1355

Harmonies

Analogous

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



65.5777, 0.2669, 0.2557



65.5777, 0.3095, 0.2682



65.5777, 0.3561, 0.2941

Triad

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



65.5777, 0.3095, 0.2682



65.5777, 0.3906, 0.3966



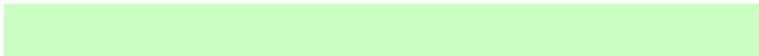
65.5777, 0.2388, 0.3213

Complementary

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



65.5777, 0.3095, 0.2682



87.9721, 0.3145, 0.3959

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.



65.5777, 0.2681, 0.3670



65.5777, 0.3095, 0.2682



65.5777, 0.3555, 0.4120

Square

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



65.5777, 0.3095, 0.2682



65.5777, 0.4047, 0.3654



65.5777, 0.3105, 0.4020



65.5777, 0.2285, 0.2825

Rectangle

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



65.5777, 0.3095, 0.2682



65.5777, 0.3822, 0.3165



65.5777, 0.3105, 0.4020



65.5777, 0.2466, 0.3366

Sweetspot

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



65.5805, 0.3095, 0.2682



88.6906, 0.3120, 0.3117



61.0121, 0.2724, 0.2704



18.7852, 0.3119, 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.



65.5805, 0.3095, 0.2682



59.7413, 0.3085, 0.2549



65.7197, 0.3320, 0.2902



18.1715, 0.3117, 0.3054



11.8767, 0.2877, 0.1358



1.1887, 0.2917, 0.1381

Inverse Universe

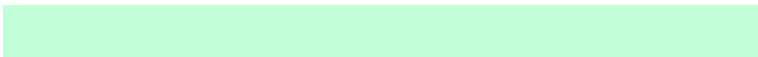
The Inverse Universe completely reimagines the original color for something new.



64.1262, 0.3562, 0.3208



58.0819, 0.3688, 0.3190



87.9580, 0.2974, 0.3713



18.0261, 0.3273, 0.3259



11.1802, 0.6233, 0.3208



1.1001, 0.5980, 0.3068

Previews

White Background



This preview shows how the Yxy color 65.5777, 0.3095, 0.2682 looks on a white background.

Color Contrast Check

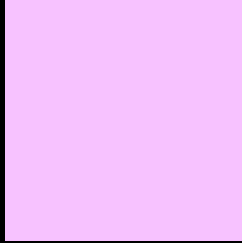
Large Text (above 18pt) WCAG AA × Fail

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 65.5777, 0.3095, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

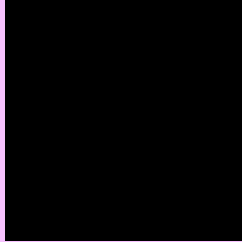
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5777, 0.3095, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 65.5777, 0.3095, 0.2682.

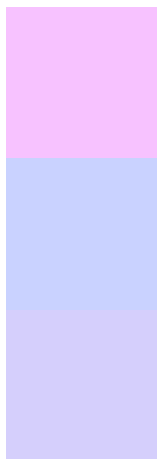


This preview shows how white text looks on a background with the Yxy color 65.5777, 0.3095, 0.2682.

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

65.5777, 0.3095, 0.2682

Protanopia

65.7307, 0.2776, 0.2800

Deuteranopia

65.8001, 0.2873, 0.2808



Tritanopia

65.4838, 0.3322, 0.3122

Trichromacy



Original Color

65.5777, 0.3095, 0.2682



Protanomaly

65.3112, 0.2887, 0.2750



Deuteranomaly

65.3405, 0.2948, 0.2756



Tritanomaly

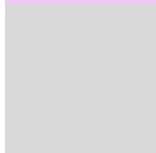
65.2124, 0.3236, 0.2948

Monochromacy



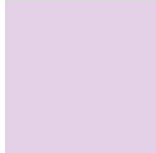
Original Color

65.5777, 0.3095, 0.2682



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.8644, 0.3116, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5777, 0.3095, 0.2682 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(247, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.5777, 0.3095, 0.2682 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(247, 194, 255) }
```

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

```
.border{ border-color:rgb(247, 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(247, 194, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5777, 0.3095, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 194, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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