

Converting Colors

Yxy(67.5313, 0.2914, 0.2473)

Have a look what the booklet for
Yxy(67.5313, 0.2914, 0.2473)
contains.

Yxy(65.6627, 0.3080, 0.2689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.6627, 0.3080, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	F5C3FF
RGB	245, 195, 255
RGB Percent	96%, 76%, 100%
CMY	0.0394, 0.2352, 0.0000
CMYK	0.04, 0.24, 0.00, 0.00
HSL	290°, 100%, 88%
HSV	290°, 24%, 100%
XYZ	75.2105, 65.6627, 103.3168
YIQ	216.7900, 10.5400, 29.2600

Conversions

Conversions Part 2

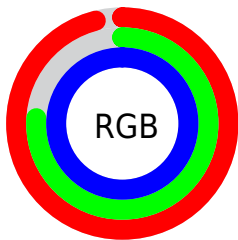
Format	Color
R_{YB}	245, 195, 255
Decimal	16106495
CIE _{Lab}	84.82, 27.88, -22.70
CIE _{LCh}	85, 35.954, 320.854
Yxy	65.6627, 0.3080, 0.2689
Android (android.graphics.Color)	4294296575 (0xFFFF5C3FF)
YUV	216.7900, 18.8375, 24.7402
Hunter-Lab	81.0325, 23.8683, -18.8722

Details

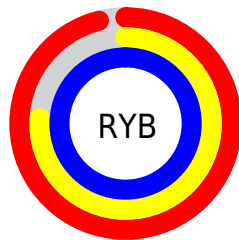
The Yxy color $65.6627, 0.3080, 0.2689$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $88.4489, 0.3158, 0.3944$, and the grayscale version is $69.1001, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $33.8183, 0.3063, 0.2560$ is the 20% darker color. If you saturate the color by 10%, you get $54.4373, 0.3052, 0.2425$, and if you desaturate by 10%, it is $78.8627, 0.3103, 0.2951$.

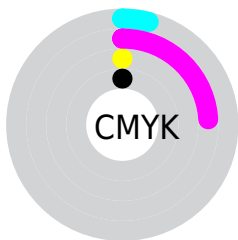
Distribution



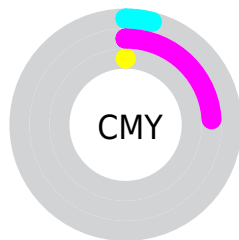
- Red (96%)
- Green (76%)
- Blue (100%)



- Red (96%)
- Yellow (76%)
- Blue (100%)



- Cyan (4%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6627, 0.3080, 0.2689 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 65.6627, 0.3080, 0.2689 by changing the saturation by 10% instead.

 65.6627, 0.3080,
0.2689

 65.6627, 0.3080,
0.2689


445.1696, 0.3107,
0.2958

 47.9986, 0.3073,
0.2630


 113.0021, 0.3090,
0.2781

 33.8258, 0.3063,
0.2558


143.4462, 0.3094,
0.2817

 22.7598, 0.3049,
0.2468


178.9191, 0.3097,
0.2848

 14.4163, 0.3031,
0.2355

219.8052, 0.3100,
0.2876

 8.4107, 0.3003,
0.2205

266.4889, 0.3102,
0.2900

 4.3589, 0.2958,
0.2002

319.3547, 0.3104,

 1.8763, 0.2878,

0.2921

0.1710

378.7867, 0.3106,
0.2941

0.5341, 0.2744,
0.1184

0.0000, 0.1238,
0.0000

65.6627, 0.3080,
0.2689

65.6627, 0.3080,
0.2689

54.4373, 0.3052,
0.2425

78.8627, 0.3103,
0.2951

45.0788, 0.3020,
0.2169

94.1210, 0.3122,
0.3204

37.4822, 0.2983,
0.1930

100.0000, 0.3127,
0.3290

31.5283, 0.2942,
0.1720

■ 27.0833, 0.2898,
0.1548

■ 23.9922, 0.2854,
0.1421

■ 22.0660, 0.2809,
0.1339

■ 21.2644, 0.2781,
0.1306

Harmonies

Analogous

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



65.6627, 0.2668, 0.2573



65.6627, 0.3080, 0.2689



65.6627, 0.3535, 0.2939

Triad

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



65.6627, 0.3080, 0.2689



65.6627, 0.3896, 0.3941



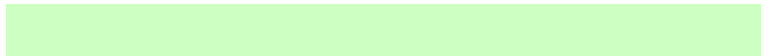
65.6627, 0.2413, 0.3232

Complementary

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



65.6627, 0.3080, 0.2689



88.4489, 0.3158, 0.3944

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.



65.6627, 0.2705, 0.3675



65.6627, 0.3080, 0.2689



65.6627, 0.3560, 0.4097

Square

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



65.6627, 0.3080, 0.2689



65.6627, 0.4024, 0.3634



65.6627, 0.3123, 0.4009



65.6627, 0.2305, 0.2849

Rectangle

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



65.6627, 0.3080, 0.2689



65.6627, 0.3793, 0.3157



65.6627, 0.3123, 0.4009



65.6627, 0.2492, 0.3380

Sweetspot

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



65.6655, 0.3080, 0.2689



88.5730, 0.3116, 0.3117



62.9763, 0.2734, 0.2749



18.7579, 0.3115, 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.



65.6655, 0.3080, 0.2689



60.3985, 0.3068, 0.2571



66.3566, 0.3294, 0.2880



18.1375, 0.3111, 0.3054



11.1680, 0.2788, 0.1310



1.1264, 0.2839, 0.1337

Inverse Universe

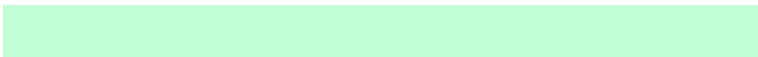
The Inverse Universe completely reimagines the original color for something new.



64.7108, 0.3536, 0.3188



59.3401, 0.3640, 0.3167



87.9808, 0.2993, 0.3739



18.0367, 0.3268, 0.3250



11.2132, 0.6160, 0.3167



1.1050, 0.5880, 0.3013

Previews

White Background



This preview shows how the Yxy color 65.6627, 0.3080, 0.2689 looks on a white background.

Color Contrast Check

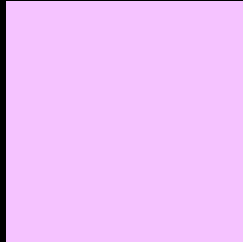
Large Text (above 18pt) WCAG AA × Fail

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 65.6627, 0.3080, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

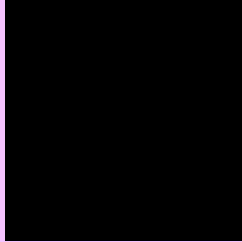
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6627, 0.3080, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 65.6627, 0.3080, 0.2689.



This preview shows how white text looks on a background with the Yxy color 65.6627, 0.3080, 0.2689.

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

65.6627, 0.3080, 0.2689

Protanopia

65.8697, 0.2783, 0.2801

Deuteranopia

65.8636, 0.2866, 0.2798



Tritanopia

65.8283, 0.3305, 0.3121

Trichromacy



Original Color

65.6627, 0.3080, 0.2689



Protanomaly

65.7881, 0.2887, 0.2761



Deuteranomaly

65.8752, 0.2942, 0.2757



Tritanomaly

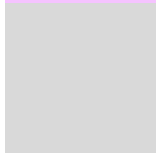
65.4936, 0.3227, 0.2958

Monochromacy



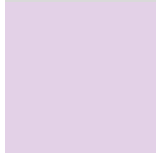
Original Color

65.6627, 0.3080, 0.2689



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.7013, 0.3109, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6627, 0.3080, 0.2689 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(245, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 195, 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(245, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.6627, 0.3080, 0.2689 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(245, 195, 255) }
```

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

```
.border{ border-color:rgb(245, 195, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 195, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 195, 255); box-shadow:4px 4px 4px 4px rgb(245, 195, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6627, 0.3080, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 195, 255) }
```

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

```
.background{ background-color: rgb(245,  
195, 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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