

Converting Colors

Yxy(65.2624, 0.3069, 0.2684)

Have a look what the booklet for
Yxy(65.2624, 0.3069, 0.2684)
contains.

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Color

Yxy(65.3049, 0.3065, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	F3C3FF
RGB	243, 195, 255
RGB Percent	95%, 76%, 100%
CMY	0.0472, 0.2352, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	288°, 100%, 88%
HSV	288°, 24%, 100%
XYZ	74.5196, 65.3049, 103.3062
YIQ	216.1920, 9.3480, 28.8360

Conversions

Conversions Part 2

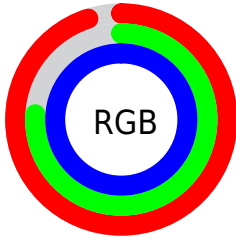
Format	Color
R_{YB}	243, 195, 255
Decimal	15975423
CIE _{Lab}	84.64, 27.25, -23.01
CIE _{LCh}	85, 35.666, 319.829
Yxy	65.3049, 0.3065, 0.2686
Android (android.graphics.Color)	4294165503 (0xFFFF3C3FF)
YUV	216.1920, 19.1323, 23.5106
Hunter-Lab	80.8114, 23.1821, -19.2260

Details

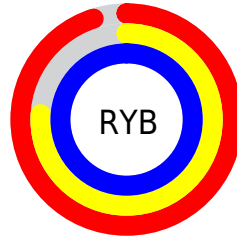
The Yxy color $65.3049, 0.3065, 0.2686$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.7349, 0.3170, 0.3942$, and the grayscale version is $68.6677, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $33.5661, 0.3043, 0.2556$ is the 20% darker color. If you saturate the color by 10%, you get $53.9388, 0.3030, 0.2419$, and if you desaturate by 10%, it is $78.6498, 0.3095, 0.2950$.

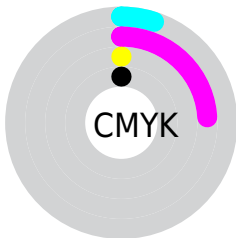
Distribution



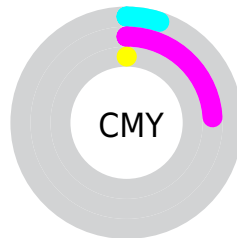
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3049, 0.3065, 0.2686 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 65.3049, 0.3065, 0.2686 by changing the saturation by 10% instead.

 65.3049, 0.3065,
0.2686

 65.3049, 0.3065,
0.2686

443.8868, 0.3099,
0.2957

 47.7084, 0.3056,
0.2626


 112.4881, 0.3078,
0.2778

 33.5960, 0.3044,
0.2554


142.8435, 0.3083,
0.2815

 22.5834, 0.3028,
0.2464


178.2207, 0.3087,
0.2846

 14.2862, 0.3006,
0.2349

219.0041, 0.3090,
0.2874

 8.3200, 0.2974,
0.2198

265.5780, 0.3093,
0.2898

 4.3004, 0.2922,
0.1993

318.3268, 0.3095,

 1.8430, 0.2833,

0.2920

0.1698

377.6349, 0.3097,
0.2939

0.5137, 0.2685,
0.1156

0.0000, 0.0953,
0.0000

65.3049, 0.3065,
0.2686

65.3049, 0.3065,
0.2686

53.9388, 0.3030,
0.2419

78.6498, 0.3095,
0.2950

44.4490, 0.2988,
0.2158

94.0625, 0.3120,
0.3204

36.7284, 0.2942,
0.1914

100.0000, 0.3127,
0.3290

30.6581, 0.2891,
0.1697

■ 26.1040, 0.2838,
0.1518

■ 22.9109, 0.2784,
0.1383

■ 20.8898, 0.2730,
0.1296

■ 20.0307, 0.2696,
0.1259

Harmonies

Analogous

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



65.3049, 0.2659, 0.2576



65.3049, 0.3065, 0.2686



65.3049, 0.3518, 0.2931

Triad

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



65.3049, 0.3065, 0.2686



65.3049, 0.3900, 0.3929



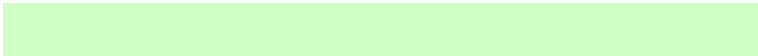
65.3049, 0.2424, 0.3247

Complementary

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



65.3049, 0.3065, 0.2686



88.7349, 0.3170, 0.3942

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.



65.3049, 0.2720, 0.3687



65.3049, 0.3065, 0.2686



65.3049, 0.3572, 0.4091

Square

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



65.3049, 0.3065, 0.2686



65.3049, 0.4018, 0.3621



65.3049, 0.3138, 0.4011



65.3049, 0.2310, 0.2862

Rectangle

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



65.3049, 0.3065, 0.2686



65.3049, 0.3777, 0.3146



65.3049, 0.3138, 0.4011



65.3049, 0.2505, 0.3395

Sweetspot

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



65.3060, 0.3065, 0.2686



88.4620, 0.3112, 0.3117



63.9435, 0.2736, 0.2772



18.7321, 0.3110, 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.



65.3060, 0.3065, 0.2686



59.9773, 0.3050, 0.2567



66.4719, 0.3279, 0.2861



18.1054, 0.3106, 0.3053



10.5311, 0.2704, 0.1263



1.0699, 0.2765, 0.1297

Inverse Universe

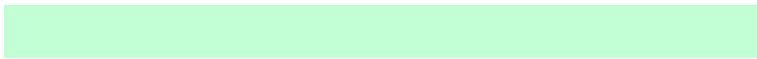
The Inverse Universe completely reimagines the original color for something new.



64.8065, 0.3520, 0.3167



59.4491, 0.3620, 0.3142



87.8787, 0.3003, 0.3762



18.0467, 0.3263, 0.3243



11.2513, 0.6078, 0.3122



1.1102, 0.5780, 0.2958

Previews

White Background



This preview shows how the Yxy color 65.3049, 0.3065, 0.2686 looks on a white background.

Color Contrast Check

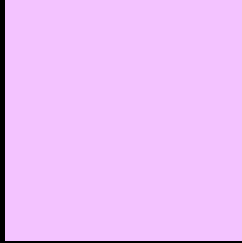
Large Text (above 18pt) WCAG AA × Fail

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 65.3049, 0.3065, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

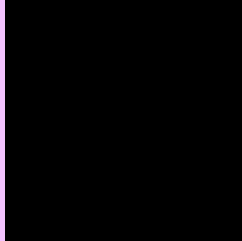
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.3049, 0.3065, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 65.3049, 0.3065, 0.2686.



This preview shows how white text looks on a background with the Yxy color 65.3049, 0.3065, 0.2686.

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

65.3049, 0.3065, 0.2686

Protanopia

65.7307, 0.2776, 0.2800

Deuteranopia

65.7145, 0.2860, 0.2797



Tritanopia

65.3075, 0.3282, 0.3120

Trichromacy



Original Color

65.3049, 0.3065, 0.2686



Protanomaly

65.4816, 0.2874, 0.2759



Deuteranomaly

65.5556, 0.2928, 0.2755



Tritanomaly

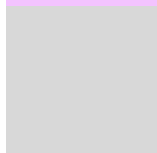
64.9671, 0.3204, 0.2955

Monochromacy



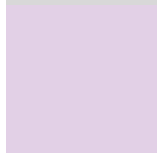
Original Color

65.3049, 0.3065, 0.2686



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

66.9937, 0.3109, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3049, 0.3065, 0.2686 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(243, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 195, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.3049, 0.3065, 0.2686 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(243, 195, 255) }
```

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

```
.border{ border-color:rgb(243, 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(243, 195, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 195,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3049, 0.3065, 0.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 195, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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