

Converting Colors

Yxy(65.1351, 0.3032, 0.2694)

Have a look what the booklet for
Yxy(65.1351, 0.3032, 0.2694)
contains.

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Color

Yxy(65.0506, 0.3036, 0.2691)

Conversions

Conversions Part 1

Format	Color
Hex	EFC4FF
RGB	239, 196, 255
RGB Percent	94%, 77%, 100%
CMY	0.0627, 0.2314, 0.0000
CMYK	0.06, 0.23, 0.00, 0.00
HSL	284°, 100%, 88%
HSV	284°, 23%, 100%
XYZ	73.3904, 65.0506, 103.2929
YIQ	215.5830, 6.6890, 27.4650

Conversions

Conversions Part 2

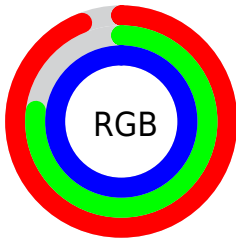
Format	Color
RYB	239, 196, 255
Decimal	15713535
CIELab	84.51, 25.48, -23.22
CIELCh	85, 34.474, 317.648
Yxy	65.0506, 0.3036, 0.2691
Android (android.graphics.Color)	4293903615 (0xFFEFC4FF)
YUV	215.5830, 19.4326, 20.5367
Hunter-Lab	80.6540, 21.2802, -19.4745

Details

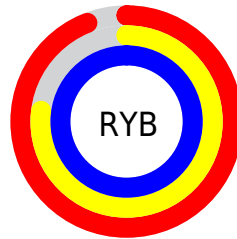
The Yxy color **65.0506, 0.3036, 0.2691** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.4979, 0.3196, 0.3925**, and the grayscale version is **68.2359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **33.4905, 0.3014, 0.2562** is the 20% darker color. If you saturate the color by 10%, you get **53.3316, 0.2984, 0.2418**, and if you desaturate by 10%, it is **78.7759, 0.3080, 0.2958**.

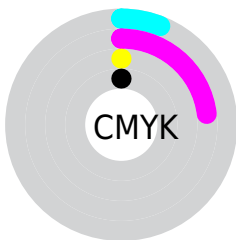
Distribution



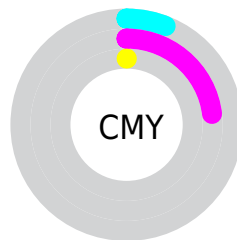
- Red (94%)
- Green (77%)
- Blue (100%)



- Red (94%)
- Yellow (77%)
- Blue (100%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0506, 0.3036, 0.2691 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 65.0506, 0.3036, 0.2691 by changing the saturation by 10% instead.

65.0506, 0.3036,
0.2691

65.0506, 0.3036,
0.2691

442.9738, 0.3084,
0.2960

47.5021, 0.3024,
0.2632

112.1226, 0.3053,
0.2783

33.4328, 0.3008,
0.2559

142.4149, 0.3060,
0.2819

22.4582, 0.2988,
0.2469

177.7239, 0.3066,
0.2850

14.1939, 0.2960,
0.2355

218.4341, 0.3070,
0.2878

8.2557, 0.2919,
0.2204

264.9297, 0.3074,
0.2902

4.2590, 0.2857,
0.1997

317.5953, 0.3078,

1.8195, 0.2750,

0.2923

0.1701

376.8152, 0.3081,
0.2943

0.4993, 0.2576,
0.1145

0.0000, 0.0440,
0.0000

65.0506, 0.3036,
0.2691

65.0506, 0.3036,
0.2691

53.3316, 0.2984,
0.2418

78.7759, 0.3080,
0.2958

43.5113, 0.2925,
0.2147

94.5916, 0.3117,
0.3213

35.4846, 0.2860,
0.1889

99.9999, 0.3127,
0.3290

29.1325, 0.2789,
0.1657

■ 24.3213, 0.2715,
0.1461

■ 20.8967, 0.2641,
0.1311

■ 18.6709, 0.2568,
0.1209

■ 17.6510, 0.2520,
0.1162

Harmonies

Analogous

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



65.0506, 0.2649, 0.2595



65.0506, 0.3036, 0.2691



65.0506, 0.3475, 0.2921

Triad

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



65.0506, 0.3036, 0.2691



65.0506, 0.3892, 0.3892



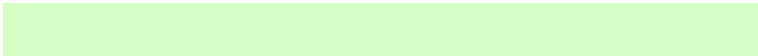
65.0506, 0.2461, 0.3281

Complementary

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



65.0506, 0.3036, 0.2691



89.4979, 0.3196, 0.3925

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.



65.0506, 0.2760, 0.3702



65.0506, 0.3036, 0.2691



65.0506, 0.3587, 0.4060

Square

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



65.0506, 0.3036, 0.2691



65.0506, 0.3988, 0.3588



65.0506, 0.3170, 0.4001



65.0506, 0.2336, 0.2900

Rectangle

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



65.0506, 0.3036, 0.2691



65.0506, 0.3732, 0.3127



65.0506, 0.3170, 0.4001



65.0506, 0.2544, 0.3424

Sweetspot

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



65.0534, 0.3036, 0.2691



88.2299, 0.3104, 0.3117



66.4010, 0.2747, 0.2826



18.6782, 0.3101, 0.3101



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.



65.0534, 0.3036, 0.2691



59.1102, 0.3012, 0.2558



67.1628, 0.3247, 0.2831



18.0385, 0.3094, 0.3053



9.3007, 0.2531, 0.1168



0.9595, 0.2611, 0.1212

Inverse Universe

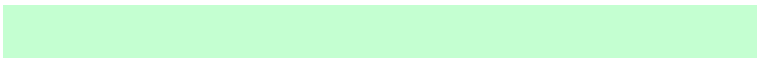
The Inverse Universe completely reimagines the original color for something new.



65.4914, 0.3479, 0.3127



59.6838, 0.3577, 0.3091



87.8470, 0.3027, 0.3798



18.0679, 0.3251, 0.3226



11.3549, 0.5869, 0.3007



1.1229, 0.5550, 0.2831

Previews

White Background



This preview shows how the Yxy color 65.0506, 0.3036, 0.2691 looks on a white background.

Color Contrast Check

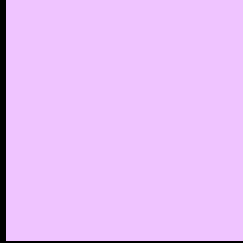
Large Text (above 18pt) WCAG AA × Fail

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 65.0506, 0.3036, 0.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

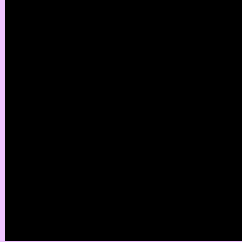
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0506, 0.3036, 0.2691

Background



This preview shows how black text looks on a background with the Yxy color 65.0506, 0.3036, 0.2691.

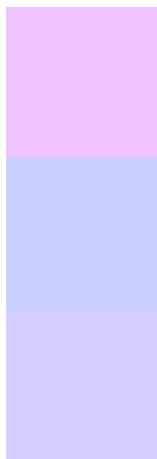


This preview shows how white text looks on a background with the Yxy color 65.0506, 0.3036, 0.2691.

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

65.0506, 0.3036, 0.2691

Protanopia

65.1003, 0.2769, 0.2788

Deuteranopia

65.0833, 0.2852, 0.2785



Tritanopia

65.2663, 0.3258, 0.3129

Trichromacy



Original Color

65.0506, 0.3036, 0.2691



Protanomaly

64.7019, 0.2859, 0.2746



Deuteranomaly

64.7690, 0.2914, 0.2742



Tritanomaly

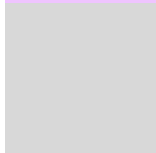
64.9109, 0.3181, 0.2963

Monochromacy



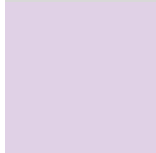
Original Color

65.0506, 0.3036, 0.2691



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.1614, 0.3094, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0506, 0.3036, 0.2691 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(239, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 196, 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(239, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 65.0506, 0.3036, 0.2691 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(239, 196, 255) }
```

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

```
.border{ border-color:rgb(239, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0506, 0.3036, 0.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 196, 255) }
```

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

```
.background{ background-color: rgb(239,  
196, 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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