

Converting Colors

Yxy(64.0644, 0.3046, 0.2819)

Have a look what the booklet for
Yxy(64.0644, 0.3046, 0.2819)
contains.

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Color

Yxy(64.2015, 0.3044, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	E6C7F4
RGB	230, 199, 244
RGB Percent	90%, 78%, 96%
CMY	0.0982, 0.2195, 0.0431
CMYK	0.06, 0.18, 0.00, 0.04
HSL	281°, 67%, 87%
HSV	281°, 18%, 96%
XYZ	69.3750, 64.2015, 94.3309
YIQ	213.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

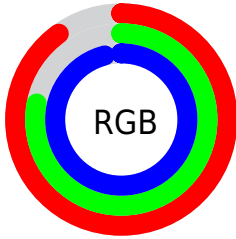
Format	Color
R _Y B	230, 199, 244
Decimal	15124468
CIE Lab	84.07, 18.85, -18.13
CIE LCh	84, 26.148, 316.118
Yxy	64.2015, 0.3044, 0.2817
Android (android.graphics.Color)	4293314548 (0xFFE6C7F4)
YUV	213.3990, 15.0863, 14.5591
Hunter-Lab	80.1258, 14.3296, -13.7131

Details

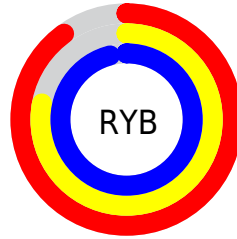
The Yxy color **64.2015, 0.3044, 0.2817** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.9902, 0.3195, 0.3781**, and the grayscale version is **66.7145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8803, 0.3016, 0.2706** is the 20% darker color. If you saturate the color by 10%, you get **52.6261, 0.2987, 0.2543**, and if you desaturate by 10%, it is **77.6379, 0.3092, 0.3080**.

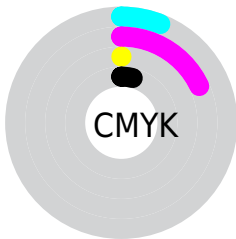
Distribution



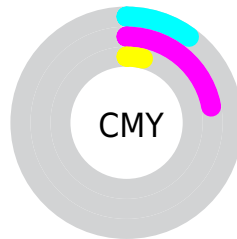
- Red (90%)
- Green (78%)
- Blue (96%)



- Red (90%)
- Yellow (78%)
- Blue (96%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)





- Cyan (10%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.2015, 0.3044, 0.2817 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 64.2015, 0.3044, 0.2817 by changing the saturation by 10% instead.


 64.2015, 0.3044,
0.2817

 64.2015, 0.3044,
0.2817


439.9169, 0.3086,
0.3033

 46.8139, 0.3034,
0.2769

110.9011, 0.3059,
0.2891

 32.8886, 0.3020,
0.2709


140.9818, 0.3065,
0.2920

 22.0411, 0.3003,
0.2634


176.0624, 0.3070,
0.2945

 13.8871, 0.2979,
0.2538

216.5273, 0.3074,
0.2967

 8.0422, 0.2944,
0.2409

262.7608, 0.3078,
0.2987

 4.1219, 0.2890,
0.2229

315.1473, 0.3081,

 1.7420, 0.2798,

0.3004

0.1959

374.0712, 0.3084,
0.3019

0.4506, 0.2666,
0.1351

0.0000, 0.0000,
0.0000

64.2015, 0.3044,
0.2817

64.2015, 0.3044,
0.2817

52.6261, 0.2987,
0.2543

77.6379, 0.3092,
0.3080

42.8173, 0.2921,
0.2266

93.0076, 0.3133,
0.3328

34.6843, 0.2848,
0.1995

98.9024, 0.3177,
0.3396

28.1251, 0.2768,
0.1742

99.3123, 0.3191,
0.3395

■ 23.0264, 0.2683,
0.1519

■ 19.2591, 0.2597,
0.1337

■ 16.6707, 0.2513,
0.1204

■ 15.0450, 0.2432,
0.1118

■ 14.8310, 0.2420,
0.1107

Harmonies

Analogous

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



64.2015, 0.2748, 0.2750



64.2015, 0.3044, 0.2817



64.2015, 0.3378, 0.2994

Triad

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



64.2015, 0.3044, 0.2817



64.2015, 0.3720, 0.3748



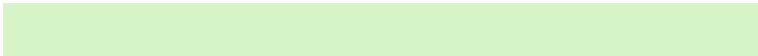
64.2015, 0.2624, 0.3305

Complementary

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



64.2015, 0.3044, 0.2817



82.9902, 0.3195, 0.3781

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.



64.2015, 0.2864, 0.3614



64.2015, 0.3044, 0.2817



64.2015, 0.3498, 0.3872

Square

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



64.2015, 0.3044, 0.2817



64.2015, 0.3780, 0.3515



64.2015, 0.3183, 0.3829



64.2015, 0.2516, 0.3011

Rectangle

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



64.2015, 0.3044, 0.2817



64.2015, 0.3574, 0.3155



64.2015, 0.3183, 0.3829



64.2015, 0.2691, 0.3412

Sweetspot

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



64.2042, 0.3044, 0.2817



89.7282, 0.3103, 0.3142



66.4009, 0.2831, 0.2948



18.9764, 0.3100, 0.3125



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.



64.2042, 0.3044, 0.2817



66.1064, 0.3024, 0.2719



66.1341, 0.3208, 0.2912



16.4934, 0.3088, 0.3053



8.1394, 0.2432, 0.1114



0.7698, 0.2532, 0.1168

Inverse Universe

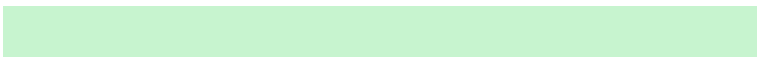
The Inverse Universe completely reimagines the original color for something new.



64.8999, 0.3378, 0.3143



67.0410, 0.3439, 0.3112



81.3709, 0.3056, 0.3700



16.5678, 0.3244, 0.3216



10.7651, 0.5719, 0.2924



0.9639, 0.5366, 0.2730

Previews

White Background



This preview shows how the Yxy color 64.2015, 0.3044, 0.2817 looks on a white background.

Color Contrast Check

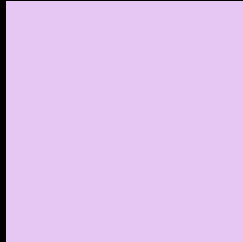
Large Text (above 18pt) WCAG AA × Fail

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 64.2015, 0.3044, 0.2817 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 64.2015, 0.3044, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 64.2015, 0.3044, 0.2817.



This preview shows how white text looks on a background with the Yxy color 64.2015, 0.3044, 0.2817.

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

64.2015, 0.3044, 0.2817

Protanopia

64.4314, 0.2805, 0.2828

Deuteranopia

64.4298, 0.2936, 0.2877



Tritanopia

63.9951, 0.3189, 0.3115

Trichromacy



Original Color

64.2015, 0.3044, 0.2817

Protanomaly

64.4370, 0.2890, 0.2825

Deuteranomaly

64.3986, 0.2978, 0.2860

Tritanomaly

64.1734, 0.3133, 0.3009

Monochromacy



Original Color

64.2015, 0.3044, 0.2817

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.5536, 0.3098, 0.3114

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2015, 0.3044, 0.2817 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(230, 199, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 199, 244)  
}
```

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(230, 199, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 199, 244) }
```

Border

The CSS property to change the border of an element to Yxy 64.2015, 0.3044, 0.2817 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(230, 199, 244) }
```

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

```
.border{ border-color:rgb(230, 199, 244) }
```

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

Here you see how a box with a 4 pixel rgb(230, 199, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 199, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 199, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 199,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2015, 0.3044, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 199, 244) }
```

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

```
.background{ background-color: rgb(230,  
199, 244) }
```

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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