

Converting Colors

Yxy(64.0660, 0.3076, 0.2909)

Have a look what the booklet for
Yxy(64.0660, 0.3076, 0.2909)
contains.

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Color

Yxy(64.1603, 0.3077, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	E3C9EC
RGB	227, 201, 236
RGB Percent	89%, 79%, 93%
CMY	0.1098, 0.2117, 0.0745
CMYK	0.04, 0.15, 0.00, 0.07
HSL	285°, 48%, 86%
HSV	285°, 15%, 93%
XYZ	67.7028, 64.1603, 88.1654
YIQ	212.7640, 4.2610, 16.3970

Conversions

Conversions Part 2

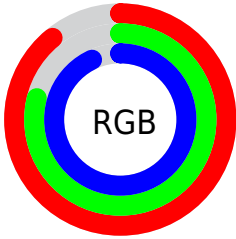
Format	Color
R _Y B	227, 201, 236
Decimal	14928364
CIE Lab	84.05, 15.29, -13.91
CIE LCh	84, 20.675, 317.702
Yxy	64.1603, 0.3077, 0.2916
Android (android.graphics.Color)	4293118444 (0xFFE3C9EC)
YUV	212.7640, 11.4553, 12.4850
Hunter-Lab	80.1001, 10.6977, -9.1898

Details

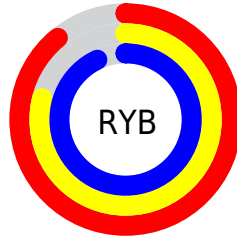
The Yxy color **64.1603, 0.3077, 0.2916** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9060, 0.3169, 0.3679**, and the grayscale version is **66.2947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8207, 0.3059, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **53.0224, 0.3035, 0.2649**, and if you desaturate by 10%, it is **77.0287, 0.3112, 0.3172**.

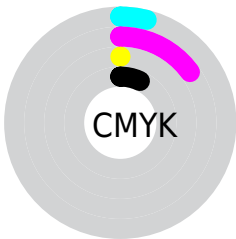
Distribution



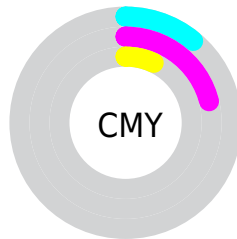
- Red (89%)
- Green (79%)
- Blue (93%)



- Red (89%)
- Yellow (79%)
- Blue (93%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)





- Cyan (11%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1603, 0.3077, 0.2916 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 64.1603, 0.3077, 0.2916 by changing the saturation by 10% instead.


 64.1603, 0.3077,
0.2916

 64.1603, 0.3077,
0.2916


439.7683, 0.3103,
0.3088

 46.7805, 0.3071,
0.2877


110.8418, 0.3086,
0.2976

 32.8622, 0.3062,
0.2829


140.9122, 0.3090,
0.2999

 22.0209, 0.3051,
0.2768


175.9817, 0.3093,
0.3019

 13.8722, 0.3036,
0.2689

216.4346, 0.3095,
0.3036

 8.0319, 0.3014,
0.2582

262.6553, 0.3098,
0.3052

 4.1153, 0.2980,
0.2430

315.0283, 0.3099,

 1.7383, 0.2919,

0.3065

0.2197

373.9378, 0.3101,
0.3077

0.4483, 0.2856,
0.1602

0.0000, 0.0000,
0.0000

64.1603, 0.3077,
0.2916

64.1603, 0.3077,
0.2916

53.0224, 0.3035,
0.2649

77.0287, 0.3112,
0.3172

43.5296, 0.2985,
0.2378

91.6918, 0.3141,
0.3412

35.6014, 0.2929,
0.2112

97.0246, 0.3176,
0.3477

29.1472, 0.2867,
0.1860

98.1354, 0.3214,
0.3475

■ 24.0670, 0.2799,
0.1637

■ 98.8356, 0.3238,
0.3473

■ 20.2482, 0.2729,
0.1450

■ 17.5596, 0.2659,
0.1310

■ 15.8410, 0.2591,
0.1217

■ 15.2043, 0.2556,
0.1182

Harmonies

Analogous

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



64.1603, 0.2837, 0.2858



64.1603, 0.3077, 0.2916



64.1603, 0.3340, 0.3063

Triad

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



64.1603, 0.3077, 0.2916



64.1603, 0.3590, 0.3664



64.1603, 0.2719, 0.3291

Complementary

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



64.1603, 0.3077, 0.2916



77.9060, 0.3169, 0.3679

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.



64.1603, 0.2908, 0.3533



64.1603, 0.3077, 0.2916



64.1603, 0.3411, 0.3750

Square

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



64.1603, 0.3077, 0.2916



64.1603, 0.3643, 0.3485



64.1603, 0.3160, 0.3705



64.1603, 0.2637, 0.3062

Rectangle

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



64.1603, 0.3077, 0.2916



64.1603, 0.3491, 0.3195



64.1603, 0.3160, 0.3705



64.1603, 0.2772, 0.3374

Sweetspot

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



64.1631, 0.3077, 0.2916



93.1697, 0.3115, 0.3192



64.7344, 0.2892, 0.3002



19.6755, 0.3113, 0.3173



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.



64.1631, 0.3077, 0.2916



71.9595, 0.3064, 0.2830



65.2008, 0.3203, 0.3007



15.1075, 0.3097, 0.3055



8.4467, 0.2567, 0.1188



0.7088, 0.2660, 0.1239

Inverse Universe

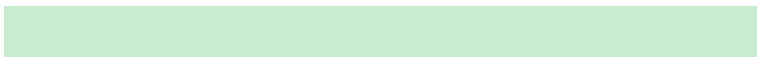
The Inverse Universe completely reimagines the original color for something new.



64.2622, 0.3335, 0.3194



72.1254, 0.3390, 0.3171



77.0168, 0.3059, 0.3591



15.1176, 0.3252, 0.3230



10.0315, 0.5904, 0.3026



0.8030, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 64.1603, 0.3077, 0.2916 looks on a white background.

Color Contrast Check

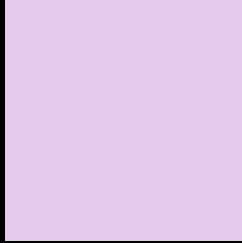
Large Text (above 18pt) WCAG AA × Fail

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 64.1603, 0.3077, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

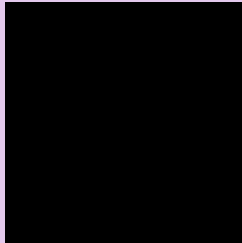
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1603, 0.3077, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 64.1603, 0.3077, 0.2916.



This preview shows how white text looks on a background with the Yxy color 64.1603, 0.3077, 0.2916.

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

64.1603, 0.3077, 0.2916

Protanopia

64.3000, 0.2880, 0.2924

Deuteranopia

64.0893, 0.3017, 0.2952



Tritanopia

64.3606, 0.3173, 0.3115

Trichromacy



Original Color

64.1603, 0.3077, 0.2916

Protanomaly

63.8917, 0.2947, 0.2917

Deuteranomaly

64.0822, 0.3039, 0.2943

Tritanomaly

64.3716, 0.3139, 0.3041

Monochromacy



Original Color

64.1603, 0.3077, 0.2916

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7268, 0.3111, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1603, 0.3077, 0.2916 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(227, 201, 236)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 236)  
}
```

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(227, 201, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 236) }
```

Border

The CSS property to change the border of an element to Yxy 64.1603, 0.3077, 0.2916 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(227, 201, 236) }
```

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

```
.border{ border-color:rgb(227, 201, 236) }
```

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

Here you see how a box with a 4 pixel rgb(227, 201, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 236);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1603, 0.3077, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 236) }
```

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

```
.background{ background-color: rgb(227,  
201, 236) }
```

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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