

Converting Colors

$Y_{xy}(65.0586, 0.3054, 0.2927)$

Have a look what the booklet for
Yxy(65.0586, 0.3054, 0.2927)
contains.

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Color

Yxy(64.8338, 0.3055, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	E1CBED
RGB	225, 203, 237
RGB Percent	88%, 80%, 93%
CMY	0.1176, 0.2039, 0.0707
CMYK	0.05, 0.14, 0.00, 0.07
HSL	279°, 49%, 86%
HSV	279°, 14%, 93%
XYZ	67.6922, 64.8338, 89.0523
YIQ	213.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

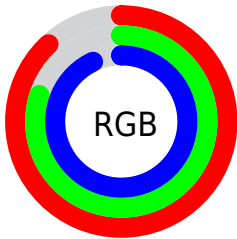
Format	Color
R _Y B	225, 203, 237
Decimal	14797805
CIE Lab	84.40, 13.77, -13.94
CIE LCh	84, 19.588, 314.648
Yxy	64.8338, 0.3055, 0.2926
Android (android.graphics.Color)	4292987885 (0xFFE1CBED)
YUV	213.4540, 11.6082, 10.1258
Hunter-Lab	80.5194, 9.1548, -9.2095

Details

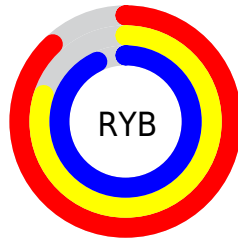
The Yxy color **64.8338, 0.3055, 0.2926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.3141, 0.3190, 0.3662**, and the grayscale version is **66.7805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3771, 0.3040, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **53.1757, 0.2993, 0.2654**, and if you desaturate by 10%, it is **78.2739, 0.3107, 0.3184**.

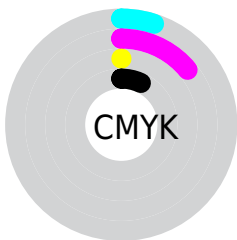
Distribution



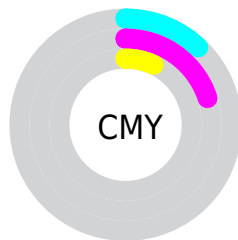
- Red (88%)
- Green (80%)
- Blue (93%)



- Red (88%)
- Yellow (80%)
- Blue (93%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (12%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.8338, 0.3055, 0.2926 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 64.8338, 0.3055, 0.2926 by changing the saturation by 10% instead.

64.8338, 0.3055,
0.2926

64.8338, 0.3055,
0.2926

442.1945, 0.3091,
0.3094

47.3263, 0.3046,
0.2888

111.8109, 0.3068,
0.2984

33.2937, 0.3035,
0.2841

142.0493, 0.3073,
0.3006

22.3515, 0.3021,
0.2782

177.3001, 0.3077,
0.3026

14.1154, 0.3001,
0.2705

217.9477, 0.3080,
0.3043

8.2010, 0.2973,
0.2601

264.3766, 0.3083,
0.3058

4.2238, 0.2930,
0.2453

316.9711, 0.3086,

1.7995, 0.2856,

0.3071

0.2226

376.1156, 0.3089,
0.3083

0.4869, 0.2757,
0.1681

0.0000, 0.0000,
0.0000

64.8338, 0.3055,
0.2926

64.8338, 0.3055,
0.2926

53.1757, 0.2993,
0.2654

78.2739, 0.3107,
0.3184

43.2130, 0.2922,
0.2374

93.5611, 0.3151,
0.3423

34.8641, 0.2842,
0.2094

97.9693, 0.3201,
0.3465

28.0373, 0.2754,
0.1825

98.8934, 0.3232,
0.3464

■ 22.6314, 0.2660,
0.1581

■ 18.5326, 0.2563,
0.1373

■ 15.6091, 0.2467,
0.1212

■ 13.7000, 0.2376,
0.1101

■ 12.9300, 0.2326,
0.1055

Harmonies

Analogous

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



64.8338, 0.2834, 0.2881



64.8338, 0.3055, 0.2926



64.8338, 0.3304, 0.3058

Triad

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



64.8338, 0.3055, 0.2926



64.8338, 0.3576, 0.3630



64.8338, 0.2755, 0.3316

Complementary

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



64.8338, 0.3055, 0.2926



79.3141, 0.3190, 0.3662

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.



64.8338, 0.2943, 0.3540



64.8338, 0.3055, 0.2926



64.8338, 0.3417, 0.3721

Square

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



64.8338, 0.3055, 0.2926



64.8338, 0.3611, 0.3455



64.8338, 0.3184, 0.3691



64.8338, 0.2666, 0.3095

Rectangle

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



64.8338, 0.3055, 0.2926



64.8338, 0.3451, 0.3181



64.8338, 0.3184, 0.3691



64.8338, 0.2808, 0.3394

Sweetspot

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



64.8366, 0.3055, 0.2926



92.9884, 0.3109, 0.3192



67.6480, 0.2901, 0.3051



19.6296, 0.3105, 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.



64.8366, 0.3055, 0.2926



72.6086, 0.3039, 0.2853



66.5679, 0.3176, 0.2982



15.0328, 0.3082, 0.3054



7.1366, 0.2340, 0.1063



0.6138, 0.2461, 0.1130

Inverse Universe

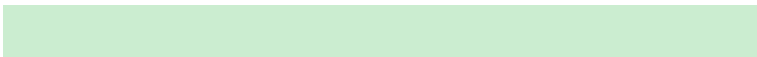
The Inverse Universe completely reimagines the original color for something new.



65.6213, 0.3303, 0.3163



73.7143, 0.3343, 0.3137



77.7864, 0.3082, 0.3619



15.1417, 0.3238, 0.3207



10.1978, 0.5564, 0.2839



0.8185, 0.5180, 0.2627

Previews

White Background



This preview shows how the Yxy color 64.8338, 0.3055, 0.2926 looks on a white background.

Color Contrast Check

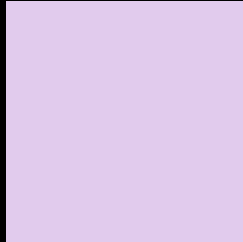
Large Text (above 18pt) WCAG AA × Fail

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 64.8338, 0.3055, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

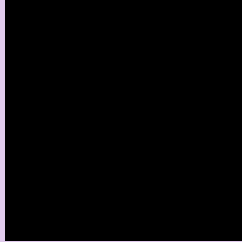
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8338, 0.3055, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 64.8338, 0.3055, 0.2926.



This preview shows how white text looks on a background with the Yxy color 64.8338, 0.3055, 0.2926.

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

64.8338, 0.3055, 0.2926

Protanopia

64.9309, 0.2887, 0.2936

Deuteranopia

64.8371, 0.3011, 0.2943



Tritanopia

65.1045, 0.3143, 0.3115

Trichromacy



Original Color

64.8338, 0.3055, 0.2926

Protanomaly

64.9140, 0.2941, 0.2929

Deuteranomaly

64.6723, 0.3025, 0.2934

Tritanomaly

65.0560, 0.3116, 0.3051

Monochromacy



Original Color

64.8338, 0.3055, 0.2926

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.6266, 0.3097, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8338, 0.3055, 0.2926 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(225, 203, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 203, 237)  
}
```

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(225, 203, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 203, 237) }
```

Border

The CSS property to change the border of an element to Yxy 64.8338, 0.3055, 0.2926 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(225, 203, 237) }
```

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

```
.border{ border-color:rgb(225, 203, 237) }
```

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

Here you see how a box with a 4 pixel rgb(225, 203, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 203, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 203, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 203,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8338, 0.3055, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 203, 237) }
```

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

```
.background{ background-color: rgb(225,  
203, 237) }
```

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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