

Converting Colors

Yxy(66.6486, 0.3133, 0.3047)

Have a look what the booklet for
Yxy(66.6486, 0.3133, 0.3047)
contains.

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Color

Yxy(66.7768, 0.3131, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	E4CFE5
RGB	228, 207, 229
RGB Percent	89%, 81%, 90%
CMY	0.1057, 0.1883, 0.1019
CMYK	0.00, 0.10, 0.00, 0.10
HSL	297°, 30%, 85%
HSV	297°, 10%, 90%
XYZ	68.4604, 66.7768, 83.4163
YIQ	215.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

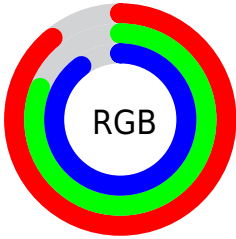
Format	Color
R _Y B	228, 207, 229
Decimal	14995429
CIE Lab	85.39, 11.17, -8.19
CIE LCh	85, 13.850, 323.740
Yxy	66.7768, 0.3131, 0.3054
Android (android.graphics.Color)	4293185509 (0xFFE4CFE5)
YUV	215.7870, 6.5140, 10.7108
Hunter-Lab	81.7171, 6.5378, -3.3210

Details

The Yxy color **66.7768, 0.3131, 0.3054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.9535, 0.3122, 0.3537**, and the grayscale version is **68.4738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.7227, 0.3131, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **56.3119, 0.3134, 0.2802**, and if you desaturate by 10%, it is **78.8578, 0.3127, 0.3299**.

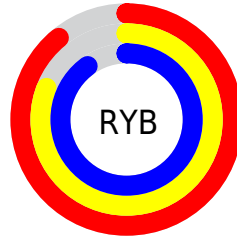
Distribution



Red (89%)

Green (81%)

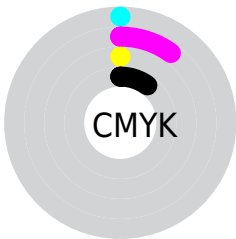
Blue (90%)



Red (89%)

Yellow (81%)

Blue (90%)

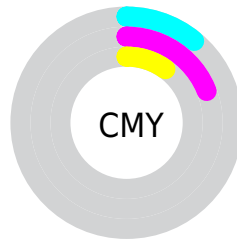


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7768, 0.3131, 0.3054 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 66.7768, 0.3131, 0.3054 by changing the saturation by 10% instead.

66.7768, 0.3131,
0.3054

66.7768, 0.3131,
0.3054

449.1499, 0.3130,
0.3163

48.9033, 0.3131,
0.3029

114.6005, 0.3131,
0.3092

34.5427, 0.3131,
0.2998

145.3195, 0.3131,
0.3106

23.3109, 0.3131,
0.2960

181.0891, 0.3131,
0.3119

14.8232, 0.3130,
0.2909

222.2937, 0.3131,
0.3130

8.6954, 0.3128,
0.2840

269.3177, 0.3130,
0.3140

4.5430, 0.3125,
0.2741

322.5454, 0.3130,

1.9817, 0.3118,

0.3148

0.2586

382.3614, 0.3130,
0.3156

0.5968, 0.3130,
0.2224

0.0000, 0.0000,
0.0000

66.7768, 0.3131,
0.3054

66.7768, 0.3131,
0.3054

56.3119, 0.3134,
0.2802

78.8578, 0.3127,
0.3299

47.3855, 0.3136,
0.2549

92.6110, 0.3122,
0.3533

39.9264, 0.3136,
0.2305

94.1783, 0.3128,
0.3554

33.8546, 0.3135,
0.2078

94.3470, 0.3134,
0.3553

29.0825, 0.3131,
0.1880

94.5167, 0.3140,
0.3553

25.5122, 0.3125,
0.1717

94.6873, 0.3146,
0.3552

23.0325, 0.3118,
0.1597

94.8589, 0.3153,
0.3552

21.5108, 0.3108,
0.1521

95.0315, 0.3159,
0.3551

20.7285, 0.3098,
0.1481

95.2051, 0.3166,
0.3551

Harmonies

Analogous

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



66.7768, 0.2964, 0.3002



66.7768, 0.3131, 0.3054



66.7768, 0.3301, 0.3164

Triad

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



66.7768, 0.3131, 0.3054



66.7768, 0.3416, 0.3557



66.7768, 0.2838, 0.3261

Complementary

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



66.7768, 0.3131, 0.3054



73.9535, 0.3122, 0.3537

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.



66.7768, 0.2953, 0.3420



66.7768, 0.3131, 0.3054



66.7768, 0.3286, 0.3593

Square

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



66.7768, 0.3131, 0.3054



66.7768, 0.3468, 0.3451



66.7768, 0.3116, 0.3543



66.7768, 0.2798, 0.3116

Rectangle

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



66.7768, 0.3131, 0.3054



66.7768, 0.3391, 0.3258



66.7768, 0.3116, 0.3543



66.7768, 0.2868, 0.3315

Sweetspot

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



66.7797, 0.3131, 0.3054



95.1518, 0.3128, 0.3217



64.0788, 0.2978, 0.3055



20.0961, 0.3129, 0.3197



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.



66.7797, 0.3131, 0.3054



81.7514, 0.3132, 0.2993



66.4012, 0.3208, 0.3159



14.5811, 0.3131, 0.3058



11.8503, 0.3099, 0.1481



0.8858, 0.3116, 0.1490

Inverse Universe

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



65.8336, 0.3289, 0.3280



80.2639, 0.3336, 0.3277



74.3131, 0.3054, 0.3424



14.3782, 0.3286, 0.3280



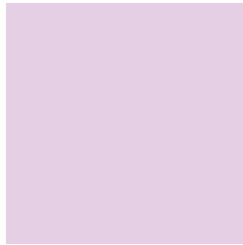
9.5415, 0.6352, 0.3273



0.7087, 0.6219, 0.3200

Previews

White Background



This preview shows how the Yxy color 66.7768, 0.3131, 0.3054 looks on a white background.

Color Contrast Check

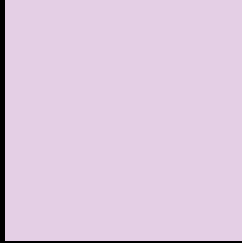
Large Text (above 18pt) WCAG AA × Fail

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 66.7768, 0.3131, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

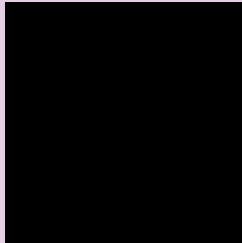
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

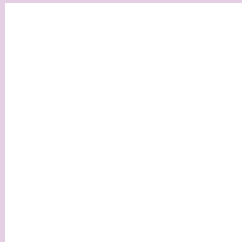
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7768, 0.3131, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 66.7768, 0.3131, 0.3054.



This preview shows how white text looks on a background with the Yxy color 66.7768, 0.3131, 0.3054.

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

66.7768, 0.3131, 0.3054

Protanopia

66.9102, 0.2994, 0.3069

Deuteranopia

66.6137, 0.3123, 0.3054



Tritanopia

66.8245, 0.3158, 0.3117

Trichromacy



Original Color

66.7768, 0.3131, 0.3054

Protanomaly

66.7681, 0.3043, 0.3061

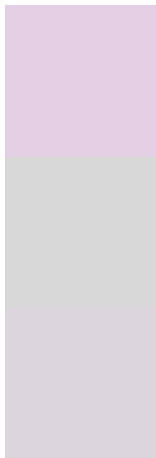
Deuteranomaly

66.6137, 0.3123, 0.3054

Tritanomaly

66.9336, 0.3144, 0.3096

Monochromacy



Original Color

66.7768, 0.3131, 0.3054

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0246, 0.3124, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7768, 0.3131, 0.3054 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(228, 207, 229)` looks like.

```
.text, #text, p{  
    color:rgb(228, 207, 229)  
}
```

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(228, 207, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 207, 229) }
```

Border

The CSS property to change the border of an element to Yxy 66.7768, 0.3131, 0.3054 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(228, 207, 229) }
```

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

```
.border{ border-color:rgb(228, 207, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 207, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 207, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 207, 229);  
box-shadow:4px 4px 4px 4px rgb(228, 207,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7768, 0.3131, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 207, 229) }
```

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

```
.background{ background-color: rgb(228,  
207, 229) }
```

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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