

Converting Colors

Yxy(66.8035, 0.3040, 0.3134)

Have a look what the booklet for
Yxy(66.8035, 0.3040, 0.3134)
contains.

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Color

Yxy(66.7241, 0.3040, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	D5D4E2
RGB	213, 212, 226
RGB Percent	84%, 83%, 89%
CMY	0.1648, 0.1686, 0.1138
CMYK	0.06, 0.06, 0.00, 0.11
HSL	244°, 19%, 86%
HSV	244°, 6%, 89%
XYZ	64.7022, 66.7241, 81.4098
YIQ	213.8950, -3.8980, 4.5660

Conversions

Conversions Part 2

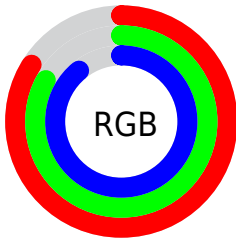
Format	Color
R _Y B	213, 212, 226
Decimal	14013666
CIE Lab	85.36, 2.93, -6.76
CIE LCh	85, 7.365, 293.413
Yxy	66.7241, 0.3040, 0.3135
Android (android.graphics.Color)	4292203746 (0xFFD5D4E2)
YUV	213.8950, 5.9678, -0.7849
Hunter-Lab	81.6848, -1.5594, -1.9110

Details

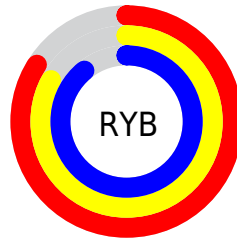
The Yxy color **66.7241, 0.3040, 0.3135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1536, 0.3212, 0.3441**, and the grayscale version is **67.1301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.3233, 0.3013, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **53.2594, 0.2883, 0.2858**, and if you desaturate by 10%, it is **82.1849, 0.3177, 0.3380**.

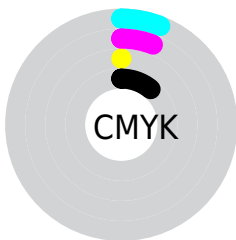
Distribution



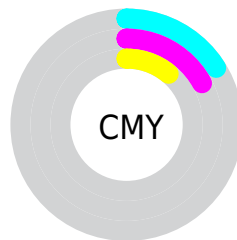
- Red (84%)
- Green (83%)
- Blue (89%)



- Red (84%)
- Yellow (83%)
- Blue (89%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7241, 0.3040, 0.3135 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 66.7241, 0.3040, 0.3135 by changing the saturation by 10% instead.

■ 66.7241, 0.3040,
0.3135

■ 66.7241, 0.3040,
0.3135

448.9621, 0.3081,
0.3207

■ 48.8604, 0.3030,
0.3118

114.5250, 0.3054,
0.3160

■ 34.5088, 0.3018,
0.3098

145.2310, 0.3060,
0.3170

■ 23.2847, 0.3003,
0.3071

180.9866, 0.3065,
0.3178

■ 14.8039, 0.2983,
0.3036

222.1762, 0.3069,
0.3186

■ 8.6819, 0.2955,
0.2988

269.1841, 0.3073,
0.3192

■ 4.5343, 0.2913,
0.2918

322.3948, 0.3076,

■ 1.9767, 0.2844,

0.3198

0.2806

382.1927, 0.3079,
0.3203

■ 0.5939, 0.2698,
0.2519

■ 0.0000, 0.0000,
0.0000

■ 66.7241, 0.3040,
0.3135

■ 66.7241, 0.3040,
0.3135

■ 53.2594, 0.2883,
0.2858

■ 82.1849, 0.3177,
0.3380

■ 41.7014, 0.2706,
0.2549

■ 98.2703, 0.3298,
0.3572

■ 31.9663, 0.2511,
0.2213

■ 23.9611, 0.2305,
0.1863

■ 17.5843, 0.2098,
0.1516

■ 12.7239, 0.1903,
0.1197

■ 9.2539, 0.1737,
0.0932

■ 7.0277, 0.1612,
0.0741

■ 5.8643, 0.1535,
0.0635

Harmonies

Analogous

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



66.7241, 0.2975, 0.3148



66.7241, 0.3040, 0.3135



66.7241, 0.3129, 0.3162

Triad

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



66.7241, 0.3040, 0.3135



66.7241, 0.3307, 0.3377



66.7241, 0.3035, 0.3359

Complementary

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



66.7241, 0.3040, 0.3135



75.1536, 0.3212, 0.3441

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.



66.7241, 0.3123, 0.3423



66.7241, 0.3040, 0.3135



66.7241, 0.3281, 0.3432

Square

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



66.7241, 0.3040, 0.3135



66.7241, 0.3284, 0.3300



66.7241, 0.3213, 0.3450



66.7241, 0.2972, 0.3277

Rectangle

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



66.7241, 0.3040, 0.3135



66.7241, 0.3190, 0.3199



66.7241, 0.3213, 0.3450



66.7241, 0.3063, 0.3384

Sweetspot

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



66.7269, 0.3040, 0.3135



95.8986, 0.3100, 0.3241



73.3703, 0.3032, 0.3280



20.5692, 0.3101, 0.3243



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.



66.7269, 0.3040, 0.3135



86.1151, 0.3027, 0.3112



67.7912, 0.3090, 0.3137



13.8525, 0.3020, 0.3099



3.2104, 0.1522, 0.0612



0.2384, 0.1586, 0.0647

Inverse Universe

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



68.7006, 0.3141, 0.3150



89.0575, 0.3143, 0.3130



74.0562, 0.3162, 0.3443



14.3638, 0.3144, 0.3118



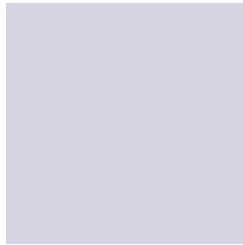
11.9048, 0.3386, 0.1639



0.8301, 0.3356, 0.1623

Previews

White Background



This preview shows how the Yxy color 66.7241, 0.3040, 0.3135 looks on a white background.

Color Contrast Check

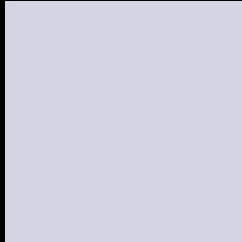
Large Text (above 18pt) WCAG AA × Fail

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 66.7241, 0.3040, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

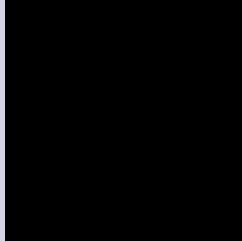
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

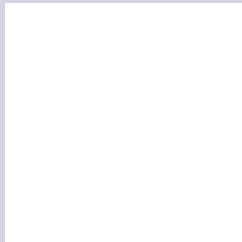
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7241, 0.3040, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 66.7241, 0.3040, 0.3135.

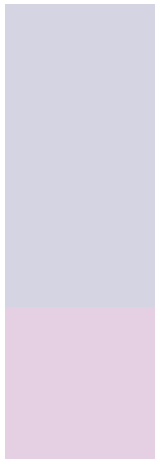


This preview shows how white text looks on a background with the Yxy color 66.7241, 0.3040, 0.3135.

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

66.7241, 0.3040, 0.3135

Protanopia

66.7241, 0.3040, 0.3135

Deuteranopia

66.6657, 0.3145, 0.3075



Tritanopia

66.8345, 0.3027, 0.3113

Trichromacy



Original Color

66.7241, 0.3040, 0.3135

Protanomaly

66.7241, 0.3040, 0.3135

Deuteranomaly

66.8350, 0.3107, 0.3095

Tritanomaly

66.7792, 0.3034, 0.3124

Monochromacy



Original Color

66.7241, 0.3040, 0.3135

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.9466, 0.3101, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7241, 0.3040, 0.3135 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(213, 212, 226)` looks like.

```
.text, #text, p{  
    color:rgb(213, 212, 226)  
}
```

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(213, 212, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 212, 226) }
```

Border

The CSS property to change the border of an element to Yxy 66.7241, 0.3040, 0.3135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

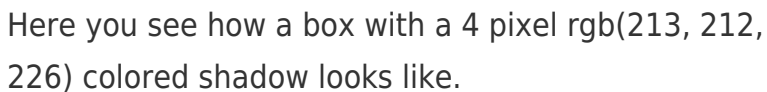
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 212, 226) }
```

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

```
.border{ border-color:rgb(213, 212, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 212, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 212, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 212, 226); box-shadow:4px 4px 4px 4px rgb(213, 212, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7241, 0.3040, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 212, 226) }
```

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

```
.background{ background-color: rgb(213,  
212, 226) }
```

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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