

Converting Colors

Yxy(66.6270, 0.3072, 0.3242)

Have a look what the booklet for
Yxy(66.6270, 0.3072, 0.3242)
contains.

Yxy(66.8567, 0.3071, 0.3245)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.8567, 0.3071, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	D2D6DA
RGB	210, 214, 218
RGB Percent	82%, 84%, 85%
CMY	0.1766, 0.1607, 0.1451
CMYK	0.04, 0.02, 0.00, 0.15
HSL	210°, 10%, 84%
HSV	210°, 4%, 85%
XYZ	63.2718, 66.8567, 75.9014
YIQ	213.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

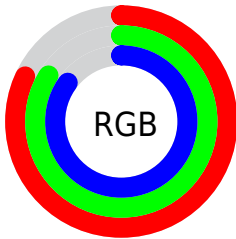
Format	Color
RYP	210, 213, 218
Decimal	13817562
CIELab	85.43, -0.63, -2.45
CIElCh	85, 2.532, 255.634
Yxy	66.8567, 0.3071, 0.3245
Android (android.graphics.Color)	4292007642 (0xFFD2D6DA)
YUV	213.2600, 2.3368, -2.8590
Hunter-Lab	81.7659, -4.9643, 2.1986

Details

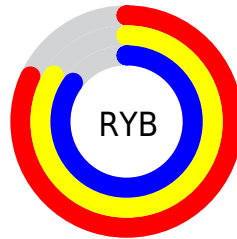
The Yxy color **66.8567, 0.3071, 0.3245** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6254, 0.3184, 0.3335**, and the grayscale version is **66.7067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5085, 0.3063, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **58.5827, 0.2914, 0.3113**, and if you desaturate by 10%, it is **75.9355, 0.3221, 0.3363**.

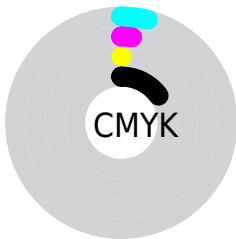
Distribution



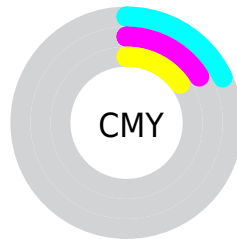
- Red (82%)
- Green (84%)
- Blue (85%)



- Red (82%)
- Yellow (84%)
- Blue (85%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8567, 0.3071, 0.3245 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 66.8567, 0.3071, 0.3245 by changing the saturation by 10% instead.

■ 66.8567, 0.3071,
0.3245

■ 66.8567, 0.3071,
0.3245

449.4345, 0.3097,
0.3266

■ 48.9682, 0.3065,
0.3240

114.7151, 0.3080,
0.3252

■ 34.5942, 0.3057,
0.3234

145.4537, 0.3084,
0.3255

■ 23.3505, 0.3047,
0.3226

181.2445, 0.3087,
0.3258

■ 14.8525, 0.3035,
0.3215

222.4718, 0.3090,
0.3260

■ 8.7159, 0.3017,
0.3201

269.5201, 0.3092,
0.3262

■ 4.5564, 0.2990,
0.3179

322.7737, 0.3094,

■ 1.9894, 0.2947,

0.3263

0.3144

382.6170, 0.3096,
0.3265

0.6013, 0.2804,
0.3031

0.0000, 0.0000,
0.0000

66.8567, 0.3071,
0.3245

66.8567, 0.3071,
0.3245

58.5827, 0.2914,
0.3113

75.9355, 0.3221,
0.3363

51.0805, 0.2753,
0.2967

85.8338, 0.3363,
0.3467

44.3270, 0.2589,
0.2806

92.5079, 0.3357,
0.3570

38.2947, 0.2427,
0.2633

97.8422, 0.3345,
0.3651

■ 32.9540, 0.2272,
0.2448

■ 28.2730, 0.2128,
0.2256

■ 24.2163, 0.2000,
0.2061

■ 20.7441, 0.1894,
0.1869

■ 17.8096, 0.1812,
0.1684

Harmonies

Analogous

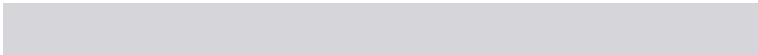
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.8567, 0.3067, 0.3266



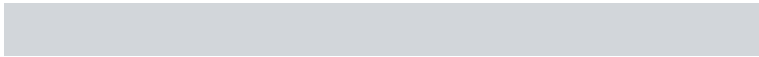
66.8567, 0.3071, 0.3245



66.8567, 0.3090, 0.3236

Triad

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



66.8567, 0.3071, 0.3245



66.8567, 0.3176, 0.3287



66.8567, 0.3134, 0.3339

Complementary

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



66.8567, 0.3071, 0.3245



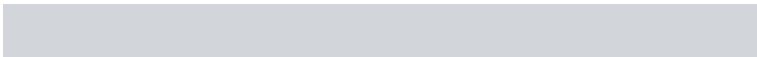
67.6254, 0.3184, 0.3335

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.



66.8567, 0.3164, 0.3345



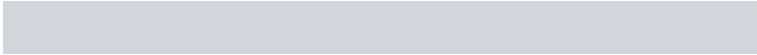
66.8567, 0.3071, 0.3245



66.8567, 0.3188, 0.3314

Square

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



66.8567, 0.3071, 0.3245



66.8567, 0.3151, 0.3260



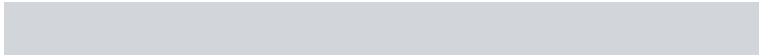
66.8567, 0.3184, 0.3335



66.8567, 0.3103, 0.3320

Rectangle

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



66.8567, 0.3071, 0.3245



66.8567, 0.3109, 0.3239



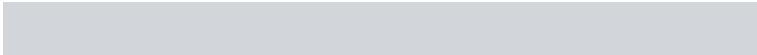
66.8567, 0.3184, 0.3335



66.8567, 0.3145, 0.3343

Sweetspot

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



66.8595, 0.3071, 0.3245



98.7153, 0.3112, 0.3278



68.6885, 0.3097, 0.3337



21.1427, 0.3113, 0.3279



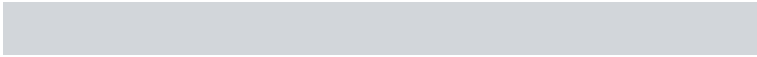
0.0000, 0.0000, 0.0000



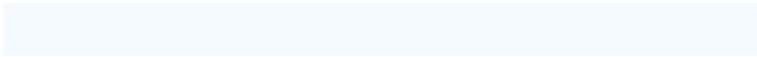
21.4041, 0.3127, 0.3290

Same Dimension

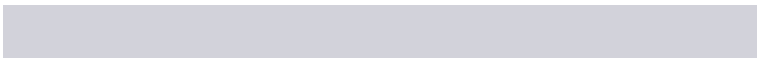
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.8595, 0.3071, 0.3245



94.9314, 0.3066, 0.3241



64.8991, 0.3072, 0.3201



14.5723, 0.3055, 0.3232



9.9150, 0.1778, 0.1599



0.8147, 0.1859, 0.1893

Inverse Universe

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



65.8365, 0.3159, 0.3245



93.3423, 0.3162, 0.3241



69.6329, 0.3181, 0.3378



14.2871, 0.3168, 0.3232



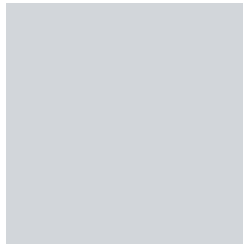
9.6247, 0.4932, 0.2491



0.6409, 0.4576, 0.2295

Previews

White Background



This preview shows how the Yxy color 66.8567, 0.3071, 0.3245 looks on a white background.

Color Contrast Check

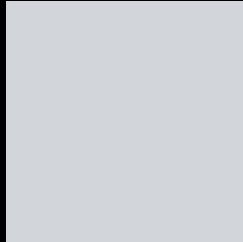
Large Text (above 18pt) WCAG AA × Fail

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 66.8567, 0.3071, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

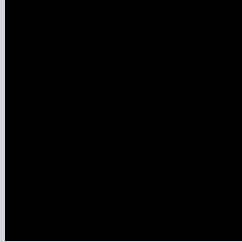
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

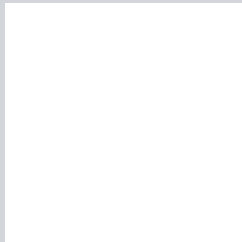
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8567, 0.3071, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 66.8567, 0.3071, 0.3245.

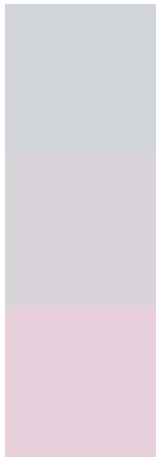


This preview shows how white text looks on a background with the Yxy color 66.8567, 0.3071, 0.3245.

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

66.8567, 0.3071, 0.3245

Protanopia

66.6957, 0.3122, 0.3234

Deuteranopia

66.7290, 0.3224, 0.3161



Tritanopia

66.7412, 0.3013, 0.3102

Trichromacy



Original Color

66.8567, 0.3071, 0.3245

Protanomaly

66.8944, 0.3107, 0.3245

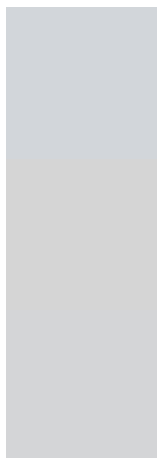
Deuteranomaly

66.8956, 0.3162, 0.3192

Tritanomaly

66.8736, 0.3032, 0.3156

Monochromacy



Original Color

66.8567, 0.3071, 0.3245

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.4918, 0.3106, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8567, 0.3071, 0.3245 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(210, 214, 218) looks like.

```
.text, #text, p{  
    color:rgb(210, 214, 218)  
}
```

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(210, 214, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 214, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.8567, 0.3071, 0.3245 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(210, 214, 218) }
```

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

```
.border{ border-color:rgb(210, 214, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 214, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 214, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 214, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 214,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8567, 0.3071, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 214, 218) }
```

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

```
.background{ background-color: rgb(210,  
214, 218) }
```

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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