

Converting Colors

Yxy(65.8956, 0.3040, 0.3168)

Have a look what the booklet for
Yxy(65.8956, 0.3040, 0.3168)
contains.

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Color

Yxy(66.1163, 0.3039, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	D2D4DF
RGB	210, 212, 223
RGB Percent	82%, 83%, 87%
CMY	0.1763, 0.1686, 0.1256
CMYK	0.06, 0.05, 0.00, 0.13
HSL	231°, 17%, 85%
HSV	231°, 6%, 87%
XYZ	63.4441, 66.1163, 79.2059
YIQ	212.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

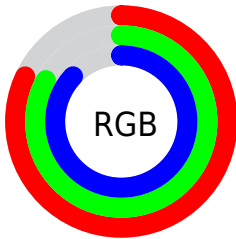
Format	Color
R _Y B	210, 212, 223
Decimal	13817055
CIE Lab	85.06, 1.39, -5.64
CIE LCh	85, 5.806, 283.829
Yxy	66.1163, 0.3039, 0.3167
Android (android.graphics.Color)	4292007135 (0xFFD2D4DF)
YUV	212.6560, 5.0996, -2.3293
Hunter-Lab	81.3119, -3.0202, -0.8360

Details

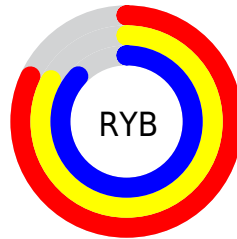
The Yxy color **66.1163, 0.3039, 0.3167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0512, 0.3214, 0.3410**, and the grayscale version is **66.2689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.0090, 0.3020, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **54.1645, 0.2874, 0.2933**, and if you desaturate by 10%, it is **79.6366, 0.3187, 0.3373**.

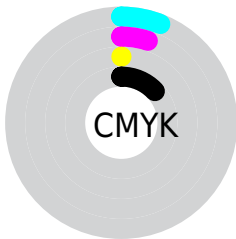
Distribution



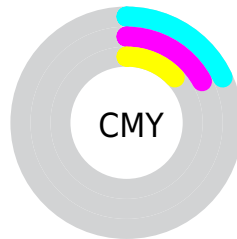
- Red (82%)
- Green (83%)
- Blue (87%)



- Red (82%)
- Yellow (83%)
- Blue (87%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (18%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1163, 0.3039, 0.3167 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 66.1163, 0.3039, 0.3167 by changing the saturation by 10% instead.

■ 66.1163, 0.3039,
0.3167

■ 66.1163, 0.3039,
0.3167

446.7927, 0.3081,
0.3225

■ 48.3668, 0.3029,
0.3154

113.6532, 0.3054,
0.3187

■ 34.1175, 0.3017,
0.3137

144.2095, 0.3059,
0.3195

■ 22.9839, 0.3002,
0.3116

179.8034, 0.3064,
0.3202

■ 14.5816, 0.2981,
0.3087

220.8195, 0.3068,
0.3208

■ 8.5263, 0.2953,
0.3049

267.6421, 0.3072,
0.3213

■ 4.4335, 0.2910,
0.2991

320.6555, 0.3075,

■ 1.9189, 0.2841,

0.3217

0.2898

380.2443, 0.3078,
0.3221

■ 0.5597, 0.2657,
0.2628

■ 0.0000, 0.0000,
0.0000

■ 66.1163, 0.3039,
0.3167

■ 66.1163, 0.3039,
0.3167

■ 54.1645, 0.2874,
0.2933

■ 79.6366, 0.3187,
0.3373

■ 43.7160, 0.2693,
0.2670

■ 94.7709, 0.3320,
0.3553

■ 34.7134, 0.2500,
0.2382

■ 98.1060, 0.3316,
0.3602

■ 27.0925, 0.2300,
0.2075

■ 20.7839, 0.2102,
0.1760

■ 15.7125, 0.1917,
0.1452

■ 11.7949, 0.1757,
0.1172

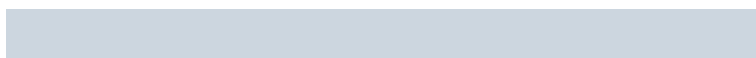
■ 8.9375, 0.1634,
0.0939

■ 7.0305, 0.1555,
0.0767

Harmonies

Analogous

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



66.1163, 0.2997, 0.3188



66.1163, 0.3039, 0.3167



66.1163, 0.3105, 0.3178

Triad

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



66.1163, 0.3039, 0.3167



66.1163, 0.3268, 0.3341



66.1163, 0.3076, 0.3363

Complementary

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



66.1163, 0.3039, 0.3167



72.0512, 0.3214, 0.3410

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.



66.1163, 0.3148, 0.3405



66.1163, 0.3039, 0.3167



66.1163, 0.3259, 0.3391

Square

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



66.1163, 0.3039, 0.3167



66.1163, 0.3238, 0.3278



66.1163, 0.3215, 0.3415



66.1163, 0.3018, 0.3301

Rectangle

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



66.1163, 0.3039, 0.3167



66.1163, 0.3154, 0.3203



66.1163, 0.3215, 0.3415



66.1163, 0.3099, 0.3380

Sweetspot

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



66.1191, 0.3039, 0.3167



96.3172, 0.3097, 0.3248



71.6750, 0.3051, 0.3314



20.6545, 0.3099, 0.3250



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.



66.1191, 0.3039, 0.3167



87.4902, 0.3019, 0.3139



65.7836, 0.3071, 0.3146



14.0907, 0.3011, 0.3128



3.9049, 0.1536, 0.0730



0.3770, 0.1603, 0.0970

Inverse Universe

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



66.5458, 0.3210, 0.3269



88.1984, 0.3230, 0.3264



72.4196, 0.3182, 0.3433



14.2145, 0.3238, 0.3262



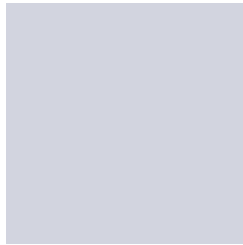
9.3022, 0.6183, 0.3180



0.6555, 0.5803, 0.2971

Previews

White Background



This preview shows how the Yxy color 66.1163, 0.3039, 0.3167 looks on a white background.

Color Contrast Check

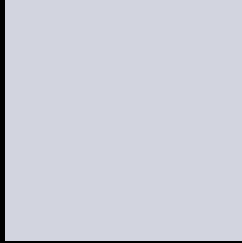
Large Text (above 18pt) WCAG AA × Fail

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 66.1163, 0.3039, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

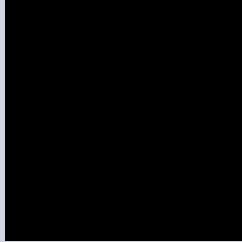
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

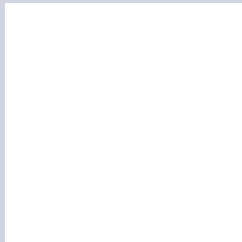
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1163, 0.3039, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 66.1163, 0.3039, 0.3167.

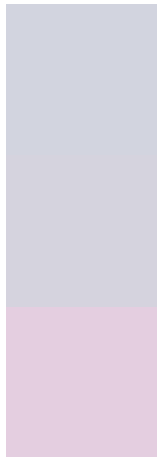


This preview shows how white text looks on a background with the Yxy color 66.1163, 0.3039, 0.3167.

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

66.1163, 0.3039, 0.3167

Protanopia

66.0086, 0.3067, 0.3167

Deuteranopia

66.0184, 0.3166, 0.3096



Tritanopia

66.0389, 0.3013, 0.3101

Trichromacy



Original Color

66.1163, 0.3039, 0.3167

Protanomaly

65.8595, 0.3060, 0.3167

Deuteranomaly

65.8657, 0.3113, 0.3115

Tritanomaly

65.9284, 0.3026, 0.3123

Monochromacy



Original Color

66.1163, 0.3039, 0.3167

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5953, 0.3093, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1163, 0.3039, 0.3167 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, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 223)  
}
```

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, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 223) }
```

Border

The CSS property to change the border of an element to Yxy 66.1163, 0.3039, 0.3167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

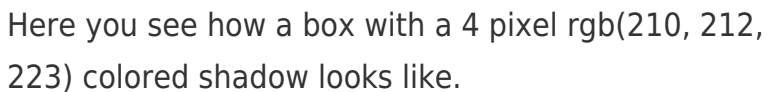
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 212, 223) }
```

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

```
.border{ border-color:rgb(210, 212, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 212, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 212, 223); box-shadow:4px 4px 4px 4px rgb(210, 212, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1163, 0.3039, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 223) }
```

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

```
.background{ background-color: rgb(210,  
212, 223) }
```

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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