

Converting Colors

Yxy(66.8736, 0.3032, 0.3156)

Have a look what the booklet for
Yxy(66.8736, 0.3032, 0.3156)
contains.

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Color

Yxy(66.8736, 0.3032, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	D3D5E1
RGB	211, 213, 225
RGB Percent	83%, 84%, 88%
CMY	0.1726, 0.1647, 0.1175
CMYK	0.06, 0.05, 0.00, 0.12
HSL	231°, 19%, 85%
HSV	231°, 6%, 88%
XYZ	64.2461, 66.8736, 80.7738
YIQ	213.7700, -5.0440, 3.3080

Conversions

Conversions Part 2

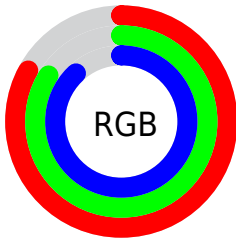
Format	Color
R _Y B	211, 213, 225
Decimal	13882849
CIE Lab	85.44, 1.56, -6.15
CIE LCh	85, 6.350, 284.265
Yxy	66.8736, 0.3032, 0.3156
Android (android.graphics.Color)	4292072929 (0xFFD3D5E1)
YUV	213.7700, 5.5364, -2.4293
Hunter-Lab	81.7763, -2.8731, -1.3198

Details

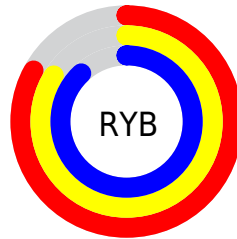
The Yxy color **66.8736, 0.3032, 0.3156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.4854, 0.3221, 0.3421**, and the grayscale version is **67.0474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4239, 0.3003, 0.3114** is the 20% darker color. If you saturate the color by 10%, you get **54.6678, 0.2866, 0.2918**, and if you desaturate by 10%, it is **80.6993, 0.3181, 0.3365**.

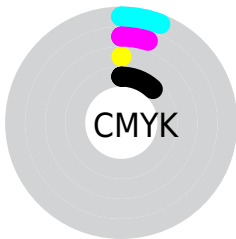
Distribution



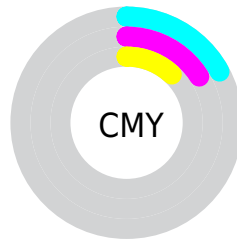
- Red (83%)
- Green (84%)
- Blue (88%)



- Red (83%)
- Yellow (84%)
- Blue (88%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8736, 0.3032, 0.3156 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 66.8736, 0.3032, 0.3156 by changing the saturation by 10% instead.

■ 66.8736, 0.3032,
0.3156

■ 66.8736, 0.3032,
0.3156

449.4947, 0.3077,
0.3219

■ 48.9819, 0.3022,
0.3141

114.7393, 0.3048,
0.3178

■ 34.6051, 0.3009,
0.3123

145.4821, 0.3054,
0.3186

■ 23.3589, 0.2992,
0.3100

181.2773, 0.3059,
0.3194

■ 14.8587, 0.2970,
0.3070

222.5095, 0.3063,
0.3200

■ 8.7203, 0.2940,
0.3028

269.5629, 0.3067,
0.3206

■ 4.5592, 0.2894,
0.2967

322.8220, 0.3071,

■ 1.9910, 0.2821,

0.3210

0.2868

382.6711, 0.3074,
0.3215

0.6022, 0.2650,
0.2614

0.0000, 0.0000,
0.0000

66.8736, 0.3032,
0.3156

66.8736, 0.3032,
0.3156

54.6678, 0.2866,
0.2918

80.6993, 0.3181,
0.3365

44.0141, 0.2684,
0.2652

96.0058, 0.3308,
0.3548

34.8526, 0.2490,
0.2360

98.2177, 0.3303,
0.3581

27.1158, 0.2289,
0.2050

■ 20.7316, 0.2090,
0.1732

■ 15.6210, 0.1905,
0.1424

■ 11.6969, 0.1746,
0.1146

■ 8.8606, 0.1626,
0.0916

■ 6.9961, 0.1549,
0.0750

Harmonies

Analogous

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



66.8736, 0.2985, 0.3178



66.8736, 0.3032, 0.3156



66.8736, 0.3104, 0.3169

Triad

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



66.8736, 0.3032, 0.3156



66.8736, 0.3281, 0.3346



66.8736, 0.3070, 0.3369

Complementary

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



66.8736, 0.3032, 0.3156



73.4854, 0.3221, 0.3421

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.



66.8736, 0.3148, 0.3415



66.8736, 0.3032, 0.3156



66.8736, 0.3271, 0.3401

Square

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



66.8736, 0.3032, 0.3156



66.8736, 0.3249, 0.3278



66.8736, 0.3222, 0.3427



66.8736, 0.3007, 0.3301

Rectangle

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



66.8736, 0.3032, 0.3156



66.8736, 0.3158, 0.3195



66.8736, 0.3222, 0.3427



66.8736, 0.3095, 0.3388

Sweetspot

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



66.8764, 0.3032, 0.3156



96.2940, 0.3097, 0.3248



73.0334, 0.3044, 0.3313



20.6497, 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.



66.8764, 0.3032, 0.3156



87.4137, 0.3019, 0.3138



66.5972, 0.3068, 0.3135



14.0774, 0.3011, 0.3127



3.8479, 0.1534, 0.0721



0.3694, 0.1598, 0.0954

Inverse Universe

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



67.3931, 0.3218, 0.3268



88.1907, 0.3231, 0.3265



73.7993, 0.3184, 0.3444



14.2131, 0.3239, 0.3263



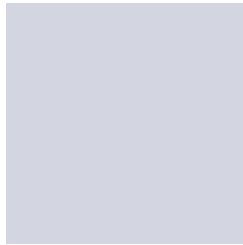
9.2965, 0.6198, 0.3188



0.6547, 0.5829, 0.2985

Previews

White Background



This preview shows how the Yxy color 66.8736, 0.3032, 0.3156 looks on a white background.

Color Contrast Check

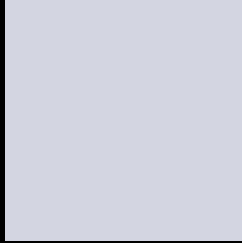
Large Text (above 18pt) WCAG AA × Fail

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 66.8736, 0.3032, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

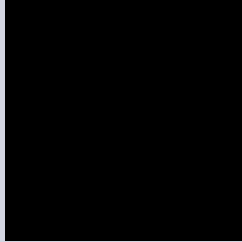
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

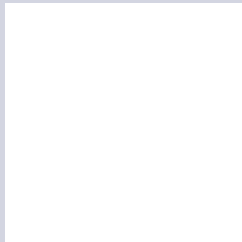
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8736, 0.3032, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 66.8736, 0.3032, 0.3156.

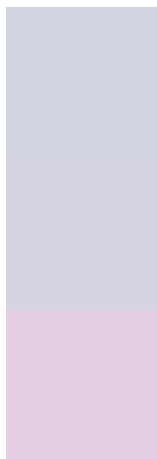


This preview shows how white text looks on a background with the Yxy color 66.8736, 0.3032, 0.3156.

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

66.8736, 0.3032, 0.3156

Protanopia

66.7649, 0.3061, 0.3157

Deuteranopia

66.6106, 0.3152, 0.3086



Tritanopia

66.7412, 0.3013, 0.3102

Trichromacy



Original Color

66.8736, 0.3032, 0.3156

Protanomaly

66.6149, 0.3053, 0.3157

Deuteranomaly

66.6215, 0.3106, 0.3105

Tritanomaly

66.6855, 0.3020, 0.3113

Monochromacy



Original Color

66.8736, 0.3032, 0.3156

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3012, 0.3093, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8736, 0.3032, 0.3156 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(211, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 225)  
}
```

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(211, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 225) }
```

Border

The CSS property to change the border of an element to Yxy 66.8736, 0.3032, 0.3156 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(211, 213, 225) }
```

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

```
.border{ border-color:rgb(211, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8736, 0.3032, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 225) }
```

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

```
.background{ background-color: rgb(211,  
213, 225) }
```

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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