

Converting Colors

Yxy(66.4620, 0.3015, 0.3355)

Have a look what the booklet for
Yxy(66.4620, 0.3015, 0.3355)
contains.

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Color

Yxy(66.7666, 0.3018, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	C5DAD4
RGB	197, 218, 212
RGB Percent	77%, 85%, 83%
CMY	0.2273, 0.1451, 0.1686
CMYK	0.10, 0.00, 0.03, 0.15
HSL	163°, 22%, 81%
HSV	163°, 10%, 85%
XYZ	59.9886, 66.7666, 72.0141
YIQ	211.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

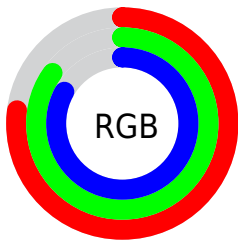
Format	Color
RYB	197, 209, 218
Decimal	12966612
CIELab	85.39, -8.12, 0.55
CIELCh	85, 8.136, 176.128
Yxy	66.7666, 0.3018, 0.3359
Android (android.graphics.Color)	4291156692 (0xFFC5DAD4)
YUV	211.0370, 0.4748, -12.3104
Hunter-Lab	81.7108, -11.9470, 4.9436

Details

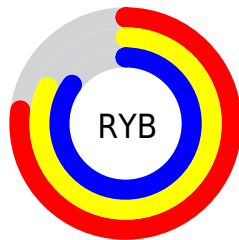
The Yxy color **66.7666, 0.3018, 0.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1683, 0.3249, 0.3222**, and the grayscale version is **65.1747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.4683, 0.2994, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **63.7270, 0.2909, 0.3438**, and if you desaturate by 10%, it is **70.2496, 0.3132, 0.3287**.

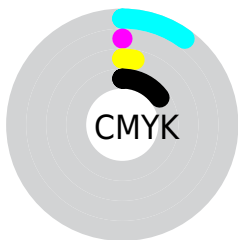
Distribution



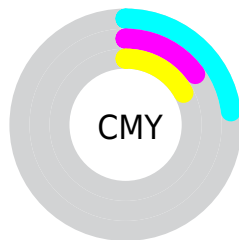
- Red (77%)
- Green (85%)
- Blue (83%)



- Red (77%)
- Yellow (82%)
- Blue (85%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (23%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7666, 0.3018, 0.3359 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 66.7666, 0.3018, 0.3359 by changing the saturation by 10% instead.

■ 66.7666, 0.3018,
0.3359

■ 66.7666, 0.3018,
0.3359

449.1135, 0.3069,
0.3327

■ 48.8950, 0.3006,
0.3367

114.5859, 0.3036,
0.3348

■ 34.5362, 0.2991,
0.3376

145.3024, 0.3043,
0.3343

■ 23.3058, 0.2972,
0.3388

181.0693, 0.3049,
0.3339

■ 14.8195, 0.2947,
0.3404

222.2709, 0.3054,
0.3336

■ 8.6928, 0.2912,
0.3426

269.2918, 0.3059,
0.3333

■ 4.5413, 0.2860,
0.3460

322.5163, 0.3063,

■ 1.9808, 0.2774,

0.3331

382.3287, 0.3066,
0.3329

0.3514

0.5963, 0.2339,
0.3784

0.0000, 0.0000,
0.0000

66.7666, 0.3018,
0.3359

66.7666, 0.3018,
0.3359

63.7270, 0.2909,
0.3438

70.2496, 0.3132,
0.3287

61.1039, 0.2807,
0.3525

74.1846, 0.3247,
0.3223

58.8807, 0.2715,
0.3618

77.1528, 0.3309,
0.3164

57.0359, 0.2637,
0.3718

77.5107, 0.3266,
0.3103

■ 55.5465, 0.2575,
0.3822

■ 77.8813, 0.3223,
0.3042

■ 54.3866, 0.2531,
0.3929

■ 78.2647, 0.3181,
0.2983

■ 53.5266, 0.2507,
0.4038

■ 78.6201, 0.3144,
0.2930

■ 52.9318, 0.2503,
0.4146

■ 52.5428, 0.2515,
0.4253

Harmonies

Analogous

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



66.7666, 0.3114, 0.3432



66.7666, 0.3018, 0.3359



66.7666, 0.2952, 0.3267

Triad

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



66.7666, 0.3018, 0.3359



66.7666, 0.3039, 0.3120



66.7666, 0.3326, 0.3392

Complementary

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



66.7666, 0.3018, 0.3359



59.1683, 0.3249, 0.3222

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.



66.7666, 0.3305, 0.3309



66.7666, 0.3018, 0.3359



66.7666, 0.3139, 0.3154

Square

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



66.7666, 0.3018, 0.3359



66.7666, 0.2964, 0.3130



66.7666, 0.3236, 0.3222



66.7666, 0.3292, 0.3450

Rectangle

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



66.7666, 0.3018, 0.3359



66.7666, 0.2933, 0.3209



66.7666, 0.3236, 0.3222



66.7666, 0.3325, 0.3366

Sweetspot

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



66.7694, 0.3018, 0.3359



98.4378, 0.3092, 0.3311



66.9155, 0.3161, 0.3533



20.9825, 0.3083, 0.3317



0.0000, 0.0000, 0.0000



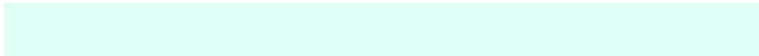
21.4041, 0.3127, 0.3290

Same Dimension

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



66.7694, 0.3018, 0.3359



94.1005, 0.2990, 0.3378



64.9312, 0.2979, 0.3241



14.7628, 0.3020, 0.3358



31.4915, 0.2512, 0.4242



2.0547, 0.2463, 0.4067

Inverse Universe

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



59.1683, 0.3249, 0.3222



80.6783, 0.3285, 0.3204



60.8185, 0.3290, 0.3338



13.1124, 0.3247, 0.3223



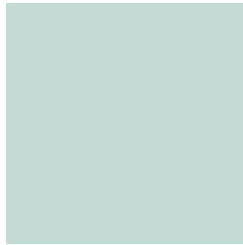
9.1566, 0.5801, 0.2969



0.6079, 0.5331, 0.2710

Previews

White Background



This preview shows how the Yxy color 66.7666, 0.3018, 0.3359 looks on a white background.

Color Contrast Check

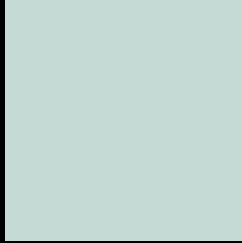
Large Text (above 18pt) WCAG AA × Fail

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 66.7666, 0.3018, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

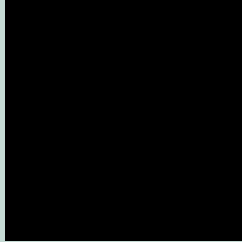
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

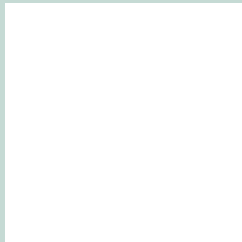
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7666, 0.3018, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 66.7666, 0.3018, 0.3359.

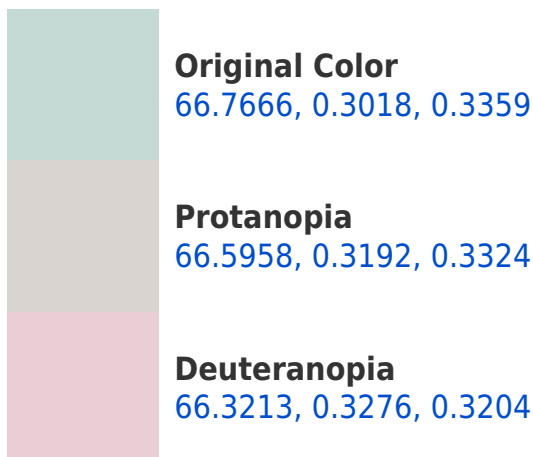


This preview shows how white text looks on a background with the Yxy color 66.7666, 0.3018, 0.3359.

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





Tritanopia

66.7064, 0.2911, 0.3098

Trichromacy



Original Color

66.7666, 0.3018, 0.3359

Protanomaly

66.4479, 0.3125, 0.3335

Deuteranomaly

66.1129, 0.3181, 0.3257

Tritanomaly

66.6901, 0.2949, 0.3187

Monochromacy



Original Color

66.7666, 0.3018, 0.3359

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9181, 0.3089, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7666, 0.3018, 0.3359 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(197, 218, 212)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 212)  
}
```

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(197, 218, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 212) }
```

Border

The CSS property to change the border of an element to Yxy 66.7666, 0.3018, 0.3359 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(197, 218, 212) }
```

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

```
.border{ border-color:rgb(197, 218, 212) }
```

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

Here you see how a box with a 4 pixel rgb(197, 218, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 212);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7666, 0.3018, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 212) }
```

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

```
.background{ background-color: rgb(197,  
218, 212) }
```

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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