

Converting Colors

Yxy(60.7004, 0.3006, 0.3176)

Have a look what the booklet for
Yxy(60.7004, 0.3006, 0.3176)
contains.

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Color

Yxy(60.5747, 0.3006, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	C6CDD7
RGB	198, 205, 215
RGB Percent	78%, 80%, 84%
CMY	0.2235, 0.1961, 0.1569
CMYK	0.08, 0.05, 0.00, 0.16
HSL	215°, 17%, 81%
HSV	215°, 8%, 84%
XYZ	57.3866, 60.5747, 72.9455
YIQ	204.0470, -7.3820, 1.6260

Conversions

Conversions Part 2

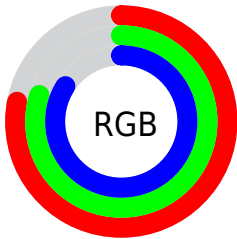
Format	Color
R _Y B	198, 203, 215
Decimal	13028823
CIE Lab	82.15, -0.46, -5.78
CIE LCh	82, 5.797, 265.442
Yxy	60.5747, 0.3006, 0.3173
Android (android.graphics.Color)	4291218903 (0xFFC6CDD7)
YUV	204.0470, 5.3998, -5.3032
Hunter-Lab	77.8298, -4.5879, -1.0884

Details

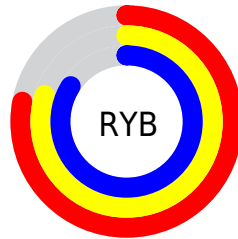
The Yxy color $60.5747, 0.3006, 0.3173$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.6323, 0.3251, 0.3404$, and the grayscale version is $60.3856, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.6006, 0.2976, 0.3150$ is the 20% darker color. If you saturate the color by 10%, you get $52.0524, 0.2845, 0.3009$, and if you desaturate by 10%, it is $70.0058, 0.3158, 0.3319$.

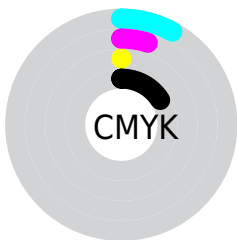
Distribution



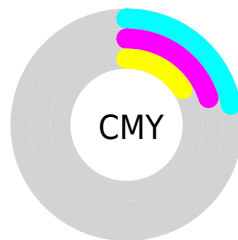
- Red (78%)
- Green (80%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5747, 0.3006, 0.3173 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 60.5747, 0.3006, 0.3173 by changing the saturation by 10% instead.

■ 60.5747, 0.3006,
0.3173

■ 60.5747, 0.3006,
0.3173

426.7129, 0.3064,
0.3229

■ 43.8820, 0.2992,
0.3160

105.6629, 0.3026,
0.3193

■ 30.5778, 0.2975,
0.3143

134.8272, 0.3034,
0.3200

■ 20.2775, 0.2953,
0.3122

168.9175, 0.3041,
0.3207

■ 12.5970, 0.2923,
0.3093

208.3182, 0.3047,
0.3213

■ 7.1516, 0.2882,
0.3052

253.4137, 0.3052,
0.3217

■ 3.5571, 0.2818,
0.2990

304.5884, 0.3056,

■ 1.4290, 0.2711,

0.3222

0.2886

362.2266, 0.3060,
0.3226

0.2380, 0.1926,
0.2132

0.0000, 0.0000,
0.0000

60.5747, 0.3006,
0.3173

60.5747, 0.3006,
0.3173

52.0524, 0.2845,
0.3009

70.0058, 0.3158,
0.3319

44.4023, 0.2677,
0.2827

80.3654, 0.3301,
0.3449

37.5964, 0.2505,
0.2627

90.2299, 0.3381,
0.3567

31.6023, 0.2335,
0.2413

97.6855, 0.3364,
0.3681

■ 26.3850, 0.2171,
0.2189

■ 21.9066, 0.2020,
0.1959

■ 18.1255, 0.1889,
0.1732

■ 14.9940, 0.1783,
0.1517

■ 12.4503, 0.1704,
0.1319

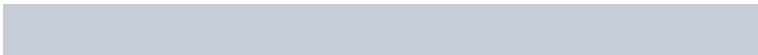
Harmonies

Analogous

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



60.5747, 0.2983, 0.3213



60.5747, 0.3006, 0.3173



60.5747, 0.3061, 0.3164

Triad

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



60.5747, 0.3006, 0.3173



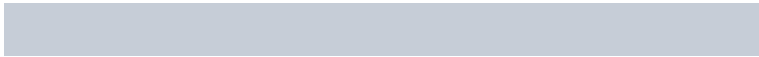
60.5747, 0.3257, 0.3303



60.5747, 0.3119, 0.3395

Complementary

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



60.5747, 0.3006, 0.3173



63.6323, 0.3251, 0.3404

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.



60.5747, 0.3193, 0.3419



60.5747, 0.3006, 0.3173



60.5747, 0.3273, 0.3365

Square

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



60.5747, 0.3006, 0.3173



60.5747, 0.3206, 0.3239



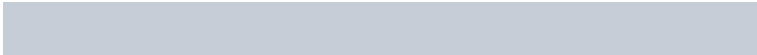
60.5747, 0.3249, 0.3408



60.5747, 0.3048, 0.3342

Rectangle

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



60.5747, 0.3006, 0.3173



60.5747, 0.3109, 0.3177



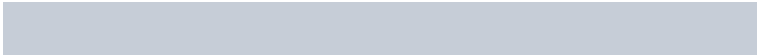
60.5747, 0.3249, 0.3408



60.5747, 0.3144, 0.3407

Sweetspot

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



60.5773, 0.3006, 0.3173



97.1465, 0.3097, 0.3261



65.1501, 0.3052, 0.3372



20.8233, 0.3098, 0.3263



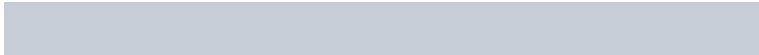
0.0000, 0.0000, 0.0000



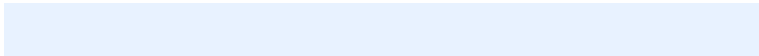
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5773, 0.3006, 0.3173



87.5917, 0.2987, 0.3154



57.5015, 0.3017, 0.3091



12.8403, 0.2982, 0.3149



7.3596, 0.1697, 0.1308



0.6048, 0.1792, 0.1651

Inverse Universe

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



59.2476, 0.3210, 0.3210



85.3822, 0.3223, 0.3198



66.9019, 0.3233, 0.3483



12.5048, 0.3227, 0.3194



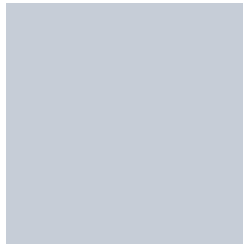
9.0878, 0.5316, 0.2702



0.5644, 0.4867, 0.2455

Previews

White Background



This preview shows how the Yxy color 60.5747, 0.3006, 0.3173 looks on a white background.

Color Contrast Check

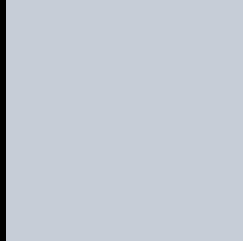
Large Text (above 18pt) WCAG AA × Fail

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 60.5747, 0.3006, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

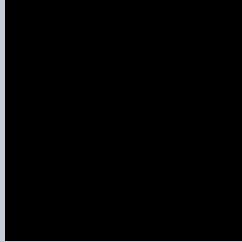
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

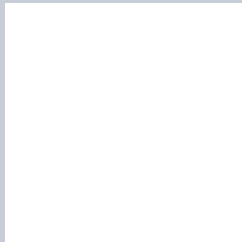
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5747, 0.3006, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 60.5747, 0.3006, 0.3173.

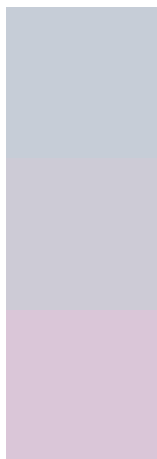


This preview shows how white text looks on a background with the Yxy color 60.5747, 0.3006, 0.3173.

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

60.5747, 0.3006, 0.3173

Protanopia

60.5460, 0.3065, 0.3163

Deuteranopia

60.2515, 0.3152, 0.3088



Tritanopia

60.4952, 0.2979, 0.3104

Trichromacy



Original Color

60.5747, 0.3006, 0.3173

Protanomaly

60.5973, 0.3042, 0.3174

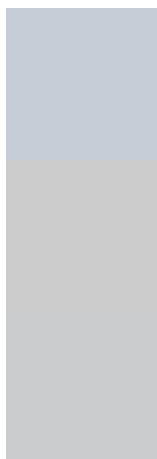
Deuteranomaly

60.5800, 0.3097, 0.3119

Tritanomaly

60.3898, 0.2993, 0.3127

Monochromacy



Original Color

60.5747, 0.3006, 0.3173

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2964, 0.3084, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5747, 0.3006, 0.3173 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(198, 205, 215)` looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 215)  
}
```

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(198, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 215) }
```

Border

The CSS property to change the border of an element to Yxy 60.5747, 0.3006, 0.3173 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(198, 205, 215) }
```

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

```
.border{ border-color:rgb(198, 205, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5747, 0.3006, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 215) }
```

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

```
.background{ background-color: rgb(198,  
205, 215) }
```

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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