

Converting Colors

$Yxy(62.9017, 0.3039, 0.3219)$

Have a look what the booklet for
Yxy(62.9017, 0.3039, 0.3219)
contains.

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Color

Yxy(63.0638, 0.3035, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	CAD1D7
RGB	202, 209, 215
RGB Percent	79%, 82%, 84%
CMY	0.2078, 0.1804, 0.1570
CMYK	0.06, 0.03, 0.00, 0.16
HSL	208°, 14%, 82%
HSV	208°, 6%, 84%
XYZ	59.4221, 63.0638, 73.3036
YIQ	207.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

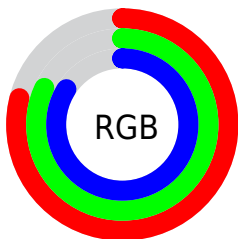
Format	Color
R _Y B	202, 207, 215
Decimal	13291991
CIE Lab	83.48, -1.24, -3.78
CIE LCh	83, 3.976, 251.840
Yxy	63.0638, 0.3035, 0.3221
Android (android.graphics.Color)	4291482071 (0xFFCAD1D7)
YUV	207.5910, 3.6526, -4.9033
Hunter-Lab	79.4127, -5.4062, 0.8600

Details

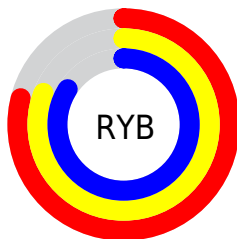
The Yxy color **63.0638, 0.3035, 0.3221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8046, 0.3222, 0.3358**, and the grayscale version is **62.7785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2767, 0.3014, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **55.5695, 0.2878, 0.3096**, and if you desaturate by 10%, it is **71.2824, 0.3187, 0.3333**.

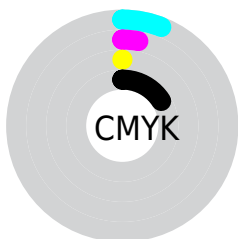
Distribution



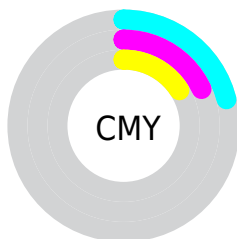
- Red (79%)
- Green (82%)
- Blue (84%)



- Red (79%)
- Yellow (81%)
- Blue (84%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (21%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0638, 0.3035, 0.3221 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 63.0638, 0.3035, 0.3221 by changing the saturation by 10% instead.

■ 63.0638, 0.3035,
0.3221

■ 63.0638, 0.3035,
0.3221

435.8010, 0.3079,
0.3254

■ 45.8928, 0.3025,
0.3213

109.2616, 0.3050,
0.3233

■ 32.1613, 0.3012,
0.3204

139.0571, 0.3056,
0.3237

■ 21.4847, 0.2995,
0.3191

173.8297, 0.3061,
0.3241

■ 13.4788, 0.2973,
0.3174

213.9636, 0.3066,
0.3244

■ 7.7590, 0.2943,
0.3151

259.8433, 0.3070,
0.3247

■ 3.9412, 0.2897,
0.3115

311.8532, 0.3073,

■ 1.6407, 0.2820,

0.3250

370.3776, 0.3076,
0.3252

0.3055

0.3848, 0.2391,
0.2742

0.0000, 0.0000,
0.0000

63.0638, 0.3035,
0.3221

63.0638, 0.3035,
0.3221

55.5695, 0.2878,
0.3096

71.2824, 0.3187,
0.3333

48.7690, 0.2717,
0.2958

80.2389, 0.3332,
0.3432

42.6410, 0.2557,
0.2806

87.7086, 0.3388,
0.3526

37.1600, 0.2400,
0.2644

93.6490, 0.3373,
0.3621

■ 32.2986, 0.2252,
0.2472

■ 97.6843, 0.3364,
0.3681

■ 28.0267, 0.2116,
0.2293

■ 24.3111, 0.1999,
0.2113

■ 21.1140, 0.1903,
0.1935

■ 18.3895, 0.1830,
0.1763

Harmonies

Analogous

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



63.0638, 0.3031, 0.3256



63.0638, 0.3035, 0.3221



63.0638, 0.3063, 0.3205

Triad

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



63.0638, 0.3035, 0.3221



63.0638, 0.3202, 0.3279



63.0638, 0.3145, 0.3371

Complementary

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



63.0638, 0.3035, 0.3221



63.8046, 0.3222, 0.3358

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.



63.0638, 0.3191, 0.3377



63.0638, 0.3035, 0.3221



63.0638, 0.3224, 0.3323

Square

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



63.0638, 0.3035, 0.3221



63.0638, 0.3160, 0.3238



63.0638, 0.3220, 0.3359



63.0638, 0.3095, 0.3343

Rectangle

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



63.0638, 0.3035, 0.3221



63.0638, 0.3092, 0.3206



63.0638, 0.3220, 0.3359



63.0638, 0.3162, 0.3376

Sweetspot

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



63.0665, 0.3035, 0.3221



97.5574, 0.3097, 0.3267



65.6862, 0.3081, 0.3372



20.9070, 0.3098, 0.3269



0.0000, 0.0000, 0.0000



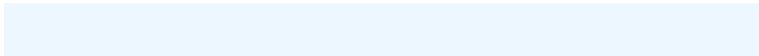
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0665, 0.3035, 0.3221



91.6416, 0.3019, 0.3209



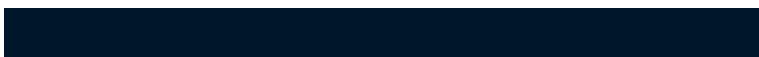
60.0162, 0.3036, 0.3147



13.4219, 0.3012, 0.3203



10.6302, 0.1812, 0.1722



0.8060, 0.1893, 0.2016

Inverse Universe

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



61.2935, 0.3177, 0.3211



88.6175, 0.3186, 0.3197



66.9585, 0.3216, 0.3429



12.9497, 0.3190, 0.3190



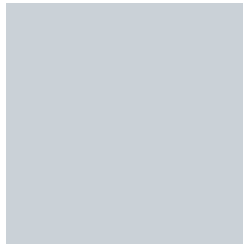
9.4180, 0.4780, 0.2407



0.5847, 0.4435, 0.2217

Previews

White Background



This preview shows how the Yxy color 63.0638, 0.3035, 0.3221 looks on a white background.

Color Contrast Check

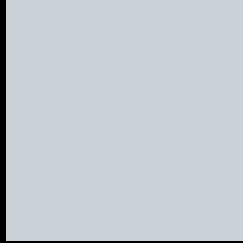
Large Text (above 18pt) WCAG AA × Fail

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 63.0638, 0.3035, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

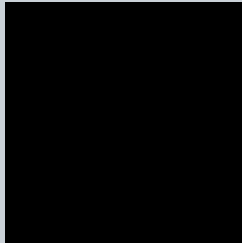
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

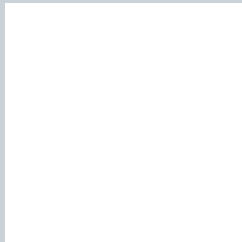
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0638, 0.3035, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 63.0638, 0.3035, 0.3221.



This preview shows how white text looks on a background with the Yxy color 63.0638, 0.3035, 0.3221.

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

63.0638, 0.3035, 0.3221

Protanopia

63.1823, 0.3101, 0.3210

Deuteranopia

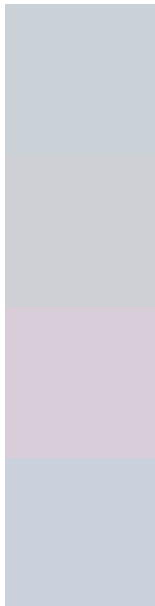
63.0462, 0.3196, 0.3136



Tritanopia

63.3309, 0.2989, 0.3108

Trichromacy



Original Color

63.0638, 0.3035, 0.3221

Protanomaly

63.2322, 0.3078, 0.3221

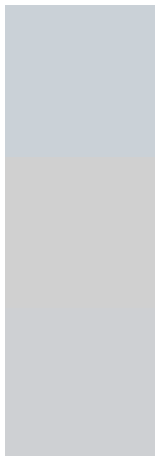
Deuteranomaly

63.2194, 0.3133, 0.3167

Tritanomaly

63.0287, 0.3002, 0.3141

Monochromacy



Original Color

63.0638, 0.3035, 0.3221

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.9367, 0.3091, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0638, 0.3035, 0.3221 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(202, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 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(202, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 215) }
```

Border

The CSS property to change the border of an element to Yxy 63.0638, 0.3035, 0.3221 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(202, 209, 215) }
```

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

```
.border{ border-color:rgb(202, 209, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0638, 0.3035, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 215) }
```

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

```
.background{ background-color: rgb(202,  
209, 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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