

Converting Colors

$Yxy(62.0389, 0.2968, 0.3223)$

Have a look what the booklet for
Yxy(62.0389, 0.2968, 0.3223)
contains.

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Color

Yxy(61.8447, 0.2970, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C1D1D7
RGB	193, 209, 215
RGB Percent	76%, 82%, 84%
CMY	0.2431, 0.1804, 0.1569
CMYK	0.10, 0.03, 0.00, 0.16
HSL	196°, 22%, 80%
HSV	196°, 10%, 84%
XYZ	57.0608, 61.8447, 73.2184
YIQ	204.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

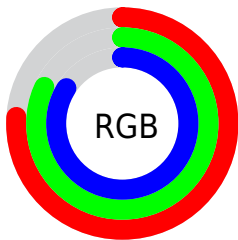
Format	Color
RYB	193, 202, 215
Decimal	12702167
CIELab	82.83, -4.20, -4.82
CIELCh	83, 6.393, 228.958
Yxy	61.8447, 0.2970, 0.3219
Android (android.graphics.Color)	4290892247 (0xFFC1D1D7)
YUV	204.9000, 4.9793, -10.4363
Hunter-Lab	78.6414, -8.1060, -0.1525

Details

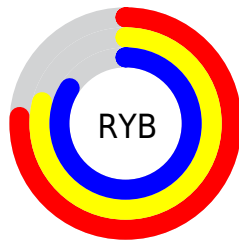
The Yxy color **61.8447, 0.2970, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1508, 0.3299, 0.3360**, and the grayscale version is **60.9594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **31.4697, 0.2930, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **56.3980, 0.2817, 0.3142**, and if you desaturate by 10%, it is **67.8133, 0.3124, 0.3289**.

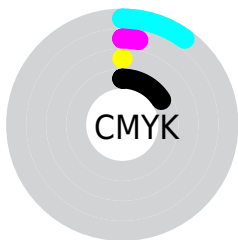
Distribution



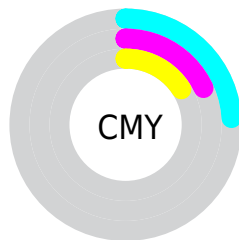
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8447, 0.2970, 0.3219 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 61.8447, 0.2970, 0.3219 by changing the saturation by 10% instead.

■ 61.8447, 0.2970,
0.3219

■ 61.8447, 0.2970,
0.3219

431.3644, 0.3045,
0.3253

■ 44.9072, 0.2952,
0.3211

■ 107.5010, 0.2996,
0.3231

■ 31.3844, 0.2931,
0.3200

136.9887, 0.3006,
0.3236

■ 20.8917, 0.2902,
0.3187

171.4286, 0.3015,
0.3240

■ 13.0449, 0.2865,
0.3169

211.2050, 0.3023,
0.3243

■ 7.4594, 0.2812,
0.3143

256.7024, 0.3029,
0.3246

■ 3.7511, 0.2733,
0.3103

308.3052, 0.3035,

■ 1.5353, 0.2602,

0.3249

0.3035

366.3977, 0.3040,
0.3251

0.3134, 0.1646,
0.2640

0.0000, 0.0000,
0.0000

61.8447, 0.2970,
0.3219

61.8447, 0.2970,
0.3219

56.3980, 0.2817,
0.3142

67.8133, 0.3124,
0.3289

51.4468, 0.2668,
0.3059

74.3138, 0.3276,
0.3351

46.9735, 0.2526,
0.2969

80.8853, 0.3406,
0.3407

42.9564, 0.2395,
0.2874

84.1416, 0.3397,
0.3465

■ 39.3720, 0.2278,
0.2775

■ 87.5081, 0.3388,
0.3522

■ 36.1940, 0.2177,
0.2673

■ 90.9860, 0.3380,
0.3579

■ 33.3926, 0.2096,
0.2570

■ 94.5763, 0.3371,
0.3635

■ 30.9327, 0.2035,
0.2468

■ 97.6863, 0.3364,
0.3681

■ 28.7977, 0.1991,
0.2369

Harmonies

Analogous

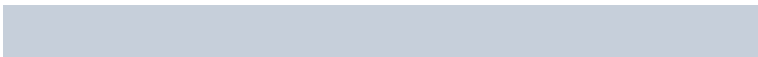
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.8447, 0.2996, 0.3290



61.8447, 0.2970, 0.3219



61.8447, 0.2986, 0.3169

Triad

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



61.8447, 0.2970, 0.3219



61.8447, 0.3198, 0.3220



61.8447, 0.3215, 0.3432

Complementary

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



61.8447, 0.2970, 0.3219



59.1508, 0.3299, 0.3360

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.



61.8447, 0.3270, 0.3411



61.8447, 0.2970, 0.3219



61.8447, 0.3260, 0.3288

Square

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



61.8447, 0.2970, 0.3219



61.8447, 0.3117, 0.3170



61.8447, 0.3287, 0.3358



61.8447, 0.3136, 0.3414

Rectangle

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



61.8447, 0.2970, 0.3219



61.8447, 0.3018, 0.3153



61.8447, 0.3287, 0.3358



61.8447, 0.3237, 0.3429

Sweetspot

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



61.8473, 0.2970, 0.3219



97.2534, 0.3081, 0.3270



64.0579, 0.3076, 0.3482



20.6617, 0.3068, 0.3264



0.0000, 0.0000, 0.0000



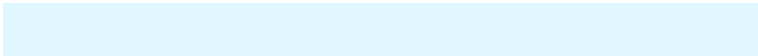
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8473, 0.2970, 0.3219



89.4398, 0.2941, 0.3205



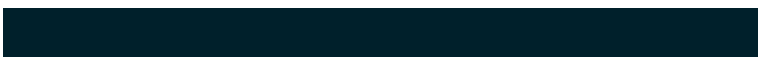
56.7000, 0.2969, 0.3089



13.5081, 0.2982, 0.3225



17.4092, 0.1996, 0.2384



1.1845, 0.2044, 0.2559

Inverse Universe

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



57.1970, 0.3184, 0.3107



81.4805, 0.3195, 0.3072



64.3268, 0.3285, 0.3483



12.5722, 0.3179, 0.3122



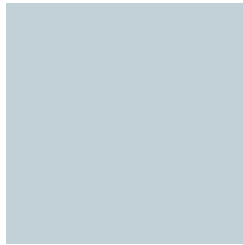
10.1023, 0.4039, 0.1999



0.6229, 0.3864, 0.1902

Previews

White Background



This preview shows how the Yxy color 61.8447, 0.2970, 0.3219 looks on a white background.

Color Contrast Check

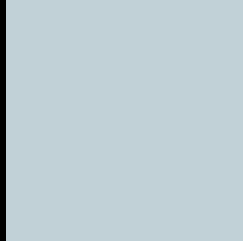
Large Text (above 18pt) WCAG AA × Fail

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 61.8447, 0.2970, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

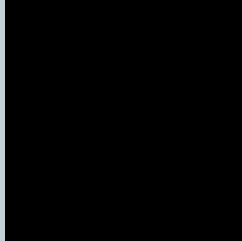
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

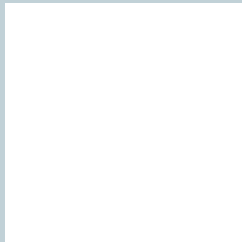
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8447, 0.2970, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 61.8447, 0.2970, 0.3219.



This preview shows how white text looks on a background with the Yxy color 61.8447, 0.2970, 0.3219.

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

61.8447, 0.2970, 0.3219

Protanopia

61.8766, 0.3094, 0.3198

Deuteranopia

61.6905, 0.3167, 0.3101



Tritanopia

62.0957, 0.2925, 0.3104

Trichromacy



Original Color

61.8447, 0.2970, 0.3219

Protanomaly

61.6942, 0.3049, 0.3197

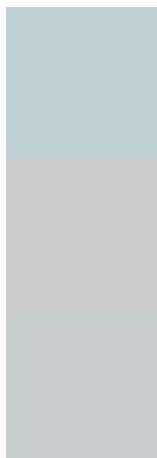
Deuteranomaly

61.5186, 0.3096, 0.3142

Tritanomaly

61.8015, 0.2938, 0.3138

Monochromacy



Original Color

61.8447, 0.2970, 0.3219

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1636, 0.3069, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8447, 0.2970, 0.3219 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(193, 209, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 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(193, 209, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 215) }
```

Border

The CSS property to change the border of an element to Yxy 61.8447, 0.2970, 0.3219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

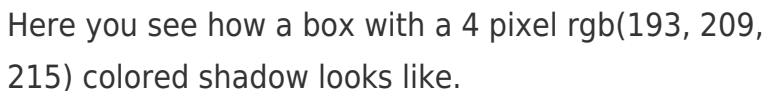
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 209, 215) }
```

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

```
.border{ border-color:rgb(193, 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(193, 209, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 209, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 209, 215); box-shadow:4px 4px 4px 4px rgb(193, 209, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8447, 0.2970, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 215) }
```

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

```
.background{ background-color: rgb(193,  
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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