

Converting Colors

Yxy(61.2621, 0.2966, 0.3190)

Have a look what the booklet for
Yxy(61.2621, 0.2966, 0.3190)
contains.

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Color

Yxy(61.4071, 0.2963, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	C1D0D8
RGB	193, 208, 216
RGB Percent	76%, 82%, 85%
CMY	0.2433, 0.1842, 0.1530
CMYK	0.11, 0.04, 0.00, 0.15
HSL	201°, 23%, 80%
HSV	201°, 11%, 85%
XYZ	56.9303, 61.4071, 73.8000
YIQ	204.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

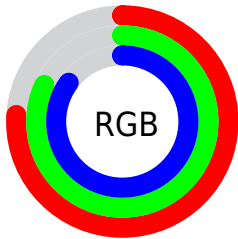
Format	Color
RYB	193, 202, 216
Decimal	12701912
CIELab	82.60, -3.51, -5.69
CIELCh	83, 6.685, 238.300
Yxy	61.4071, 0.2963, 0.3196
Android (android.graphics.Color)	4290891992 (0xFFC1D0D8)
YUV	204.4270, 5.7055, -10.0215
Hunter-Lab	78.3627, -7.4549, -0.9839

Details

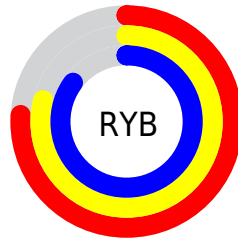
The Yxy color **61.4071, 0.2963, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1713, 0.3305, 0.3382**, and the grayscale version is **60.6322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **31.1734, 0.2921, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **55.2231, 0.2808, 0.3098**, and if you desaturate by 10%, it is **68.1818, 0.3117, 0.3284**.

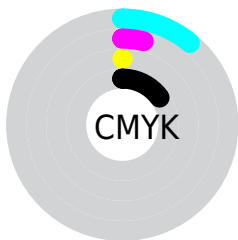
Distribution



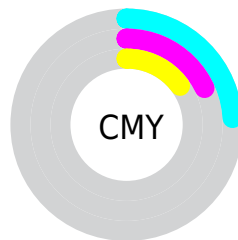
- Red (76%)
- Green (82%)
- Blue (85%)



- Red (76%)
- Yellow (79%)
- Blue (85%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4071, 0.2963, 0.3196 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 61.4071, 0.2963, 0.3196 by changing the saturation by 10% instead.

■ 61.4071, 0.2963,
0.3196

■ 61.4071, 0.2963,
0.3196

429.7651, 0.3041,
0.3241

■ 44.5538, 0.2945,
0.3185

■ 106.8682, 0.2990,
0.3212

■ 31.1061, 0.2922,
0.3172

136.2447, 0.3001,
0.3218

■ 20.6797, 0.2892,
0.3154

170.5645, 0.3010,
0.3223

■ 12.8901, 0.2853,
0.3130

210.2118, 0.3018,
0.3228

■ 7.3529, 0.2798,
0.3097

255.5712, 0.3025,
0.3232

■ 3.6838, 0.2715,
0.3045

307.0269, 0.3031,

■ 1.4983, 0.2577,

0.3235

0.2957

364.9634, 0.3036,
0.3239

0.2875, 0.1582,
0.2425

0.0000, 0.0000,
0.0000

61.4071, 0.2963,
0.3196

61.4071, 0.2963,
0.3196

55.2231, 0.2808,
0.3098

68.1818, 0.3117,
0.3284

49.6019, 0.2654,
0.2991

75.5586, 0.3268,
0.3364

44.5246, 0.2506,
0.2876

83.0344, 0.3394,
0.3435

39.9678, 0.2367,
0.2753

87.2857, 0.3383,
0.3508

■ 35.9063, 0.2240,
0.2624

■ 91.7170, 0.3372,
0.3580

■ 32.3121, 0.2129,
0.2492

■ 96.3303, 0.3361,
0.3650

■ 29.1536, 0.2038,
0.2359

■ 97.7366, 0.3358,
0.3671

■ 26.3935, 0.1968,
0.2227

■ 24.1162, 0.1918,
0.2106

Harmonies

Analogous

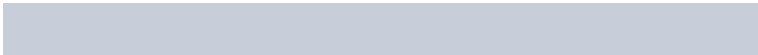
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.4071, 0.2977, 0.3265



61.4071, 0.2963, 0.3196



61.4071, 0.2993, 0.3153

Triad

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



61.4071, 0.2963, 0.3196



61.4071, 0.3225, 0.3238



61.4071, 0.3195, 0.3438

Complementary

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



61.4071, 0.2963, 0.3196



60.1713, 0.3305, 0.3382

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.



61.4071, 0.3263, 0.3428



61.4071, 0.2963, 0.3196



61.4071, 0.3280, 0.3312

Square

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



61.4071, 0.2963, 0.3196



61.4071, 0.3143, 0.3178



61.4071, 0.3294, 0.3381



61.4071, 0.3110, 0.3407

Rectangle

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



61.4071, 0.2963, 0.3196



61.4071, 0.3033, 0.3145



61.4071, 0.3294, 0.3381



61.4071, 0.3220, 0.3439

Sweetspot

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



61.4097, 0.2963, 0.3196



96.9034, 0.3081, 0.3264



64.6291, 0.3063, 0.3472



20.5671, 0.3068, 0.3257



0.0000, 0.0000, 0.0000



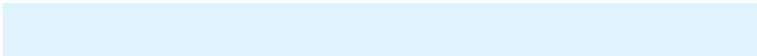
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4097, 0.2963, 0.3196



87.1563, 0.2925, 0.3173



56.1235, 0.2961, 0.3061



13.3520, 0.2982, 0.3208



14.4864, 0.1924, 0.2125



1.0254, 0.1986, 0.2350

Inverse Universe

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



57.2680, 0.3199, 0.3118



79.9272, 0.3218, 0.3077



65.5988, 0.3290, 0.3509



12.5564, 0.3190, 0.3139



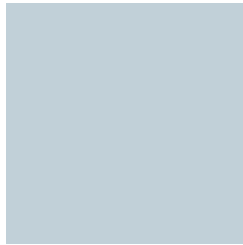
9.8073, 0.4313, 0.2150



0.6068, 0.4074, 0.2018

Previews

White Background



This preview shows how the Yxy color 61.4071, 0.2963, 0.3196 looks on a white background.

Color Contrast Check

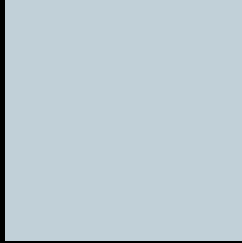
Large Text (above 18pt) WCAG AA × Fail

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 61.4071, 0.2963, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

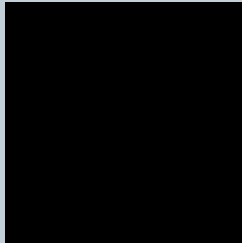
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

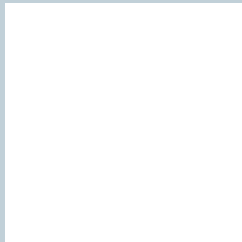
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4071, 0.2963, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 61.4071, 0.2963, 0.3196.



This preview shows how white text looks on a background with the Yxy color 61.4071, 0.2963, 0.3196.

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

61.4071, 0.2963, 0.3196

Protanopia

61.3062, 0.3080, 0.3175

Deuteranopia

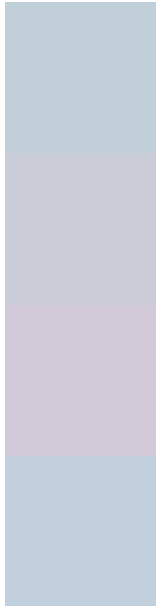
61.1244, 0.3153, 0.3079



Tritanopia

61.4227, 0.2924, 0.3103

Trichromacy



Original Color

61.4071, 0.2963, 0.3196

Protanomaly

61.1255, 0.3035, 0.3174

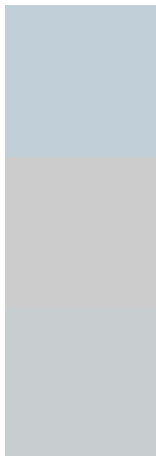
Deuteranomaly

60.9525, 0.3082, 0.3119

Tritanomaly

61.2623, 0.2944, 0.3138

Monochromacy



Original Color

61.4071, 0.2963, 0.3196

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4961, 0.3068, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4071, 0.2963, 0.3196 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, 208, 216)` looks like.

```
.text, #text, p{  
    color:rgb(193, 208, 216)  
}
```

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, 208, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 208, 216) }
```

Border

The CSS property to change the border of an element to Yxy 61.4071, 0.2963, 0.3196 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, 208, 216) }
```

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

```
.border{ border-color:rgb(193, 208, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 208, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 208, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 208, 216);  
box-shadow:4px 4px 4px 4px rgb(193, 208,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4071, 0.2963, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 208, 216) }
```

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

```
.background{ background-color: rgb(193,  
208, 216) }
```

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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