

Converting Colors

Yxy(61.1464, 0.2978, 0.3154)

Have a look what the booklet for
Yxy(61.1464, 0.2978, 0.3154)
contains.

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Color

Yxy(61.0749, 0.2978, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	C5CEDA
RGB	197, 206, 218
RGB Percent	77%, 81%, 85%
CMY	0.2277, 0.1921, 0.1451
CMYK	0.10, 0.05, 0.00, 0.15
HSL	214°, 22%, 81%
HSV	214°, 10%, 85%
XYZ	57.7400, 61.0749, 75.0737
YIQ	204.6770, -9.2160, 1.8240

Conversions

Conversions Part 2

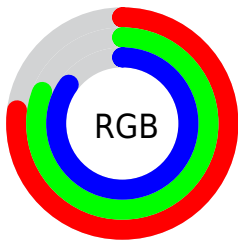
Format	Color
R _Y B	197, 203, 218
Decimal	12963546
CIE Lab	82.42, -0.76, -7.00
CIE LCh	82, 7.040, 263.835
Yxy	61.0749, 0.2978, 0.3150
Android (android.graphics.Color)	4291153626 (0xFFC5CEDA)
YUV	204.6770, 6.5682, -6.7327
Hunter-Lab	78.1504, -4.8818, -2.2505

Details

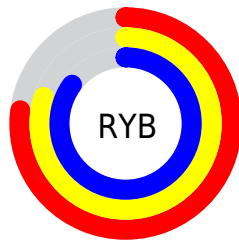
The Yxy color **61.0749, 0.2978, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4943, 0.3281, 0.3426**, and the grayscale version is **60.7924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.9405, 0.2940, 0.3119** is the 20% darker color. If you saturate the color by 10%, you get **52.6083, 0.2816, 0.2988**, and if you desaturate by 10%, it is **70.4431, 0.3132, 0.3295**.

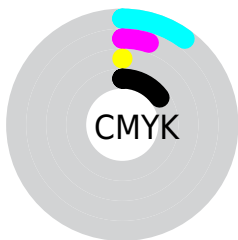
Distribution



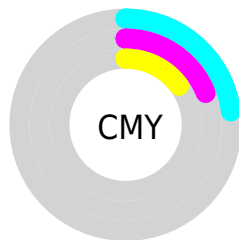
- Red (77%)
- Green (81%)
- Blue (85%)



- Red (77%)
- Yellow (80%)
- Blue (85%)



- Cyan (10%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (23%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0749, 0.2978, 0.3150 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 61.0749, 0.2978, 0.3150 by changing the saturation by 10% instead.

■ 61.0749, 0.2978,
0.3150

■ 61.0749, 0.2978,
0.3150

428.5486, 0.3049,
0.3217

■ 44.2856, 0.2961,
0.3134

106.3874, 0.3003,
0.3174

■ 30.8951, 0.2940,
0.3114

135.6794, 0.3013,
0.3183

■ 20.5190, 0.2913,
0.3089

169.9077, 0.3021,
0.3190

■ 12.7729, 0.2877,
0.3054

209.4568, 0.3028,
0.3197

■ 7.2723, 0.2826,
0.3006

254.7110, 0.3034,
0.3203

■ 3.6330, 0.2750,
0.2933

306.0548, 0.3040,

■ 1.4705, 0.2622,

0.3208

0.2810

363.8725, 0.3045,
0.3213

0.2678, 0.1837,
0.2084

0.0000, 0.0000,
0.0000

61.0749, 0.2978,
0.3150

61.0749, 0.2978,
0.3150

52.6083, 0.2816,
0.2988

70.4431, 0.3132,
0.3295

45.0066, 0.2648,
0.2809

80.7327, 0.3277,
0.3423

38.2418, 0.2478,
0.2614

90.5538, 0.3362,
0.3539

32.2809, 0.2311,
0.2405

97.8419, 0.3346,
0.3651

■ 27.0890, 0.2151,
0.2186

■ 22.6274, 0.2006,
0.1964

■ 18.8538, 0.1881,
0.1744

■ 15.7192, 0.1782,
0.1536

■ 13.1495, 0.1707,
0.1344

Harmonies

Analogous

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



61.0749, 0.2953, 0.3200



61.0749, 0.2978, 0.3150



61.0749, 0.3042, 0.3137

Triad

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



61.0749, 0.2978, 0.3150



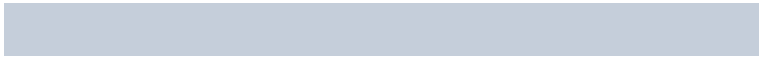
61.0749, 0.3283, 0.3301



61.0749, 0.3122, 0.3420

Complementary

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



61.0749, 0.2978, 0.3150



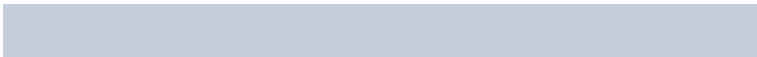
64.4943, 0.3281, 0.3426

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.



61.0749, 0.3211, 0.3447



61.0749, 0.2978, 0.3150



61.0749, 0.3304, 0.3376

Square

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



61.0749, 0.2978, 0.3150



61.0749, 0.3219, 0.3224



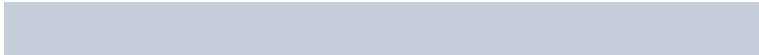
61.0749, 0.3278, 0.3430



61.0749, 0.3036, 0.3357

Rectangle

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



61.0749, 0.2978, 0.3150



61.0749, 0.3100, 0.3151



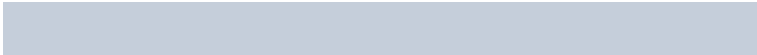
61.0749, 0.3278, 0.3430



61.0749, 0.3153, 0.3434

Sweetspot

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



61.0775, 0.2978, 0.3150



95.8332, 0.3081, 0.3248



66.6019, 0.3037, 0.3396



20.2782, 0.3069, 0.3236



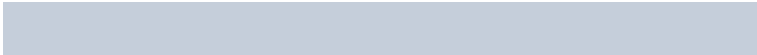
0.0000, 0.0000, 0.0000



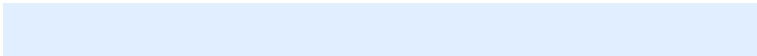
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0775, 0.2978, 0.3150



84.0455, 0.2939, 0.3112



57.0200, 0.2988, 0.3043



13.5361, 0.2982, 0.3153



8.0349, 0.1713, 0.1365



0.6896, 0.1801, 0.1684

Inverse Universe

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



59.2681, 0.3227, 0.3187



80.9359, 0.3255, 0.3160



68.8607, 0.3260, 0.3527



13.1443, 0.3224, 0.3190



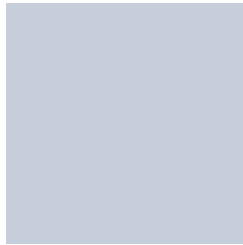
9.4349, 0.5238, 0.2659



0.6283, 0.4827, 0.2433

Previews

White Background



This preview shows how the Yxy color 61.0749, 0.2978, 0.3150 looks on a white background.

Color Contrast Check

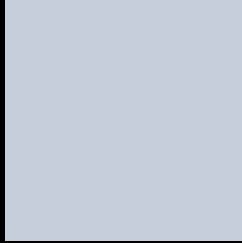
Large Text (above 18pt) WCAG AA × Fail

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 61.0749, 0.2978, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

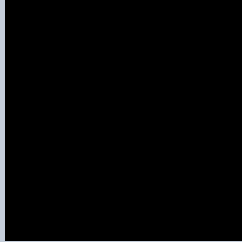
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

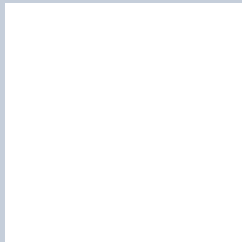
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0749, 0.2978, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 61.0749, 0.2978, 0.3150.

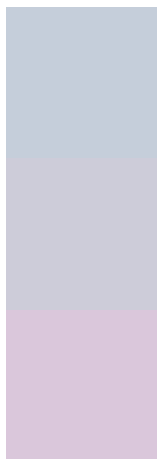


This preview shows how white text looks on a background with the Yxy color 61.0749, 0.2978, 0.3150.

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

61.0749, 0.2978, 0.3150

Protanopia

61.1746, 0.3044, 0.3140

Deuteranopia

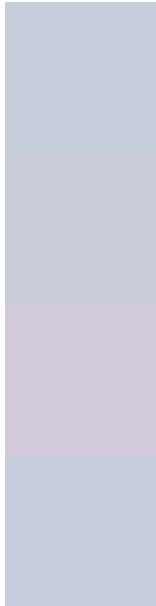
60.8667, 0.3130, 0.3067



Tritanopia

60.9423, 0.2959, 0.3093

Trichromacy



Original Color

61.0749, 0.2978, 0.3150

Protanomaly

61.2290, 0.3022, 0.3151

Deuteranomaly

61.0572, 0.3068, 0.3097

Tritanomaly

60.8889, 0.2966, 0.3104

Monochromacy



Original Color

61.0749, 0.2978, 0.3150

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8723, 0.3070, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0749, 0.2978, 0.3150 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, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(197, 206, 218)  
}
```

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, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 218) }
```

Border

The CSS property to change the border of an element to Yxy 61.0749, 0.2978, 0.3150 is called "border". The border property can be set on classes, ids or directly on the HTML element.

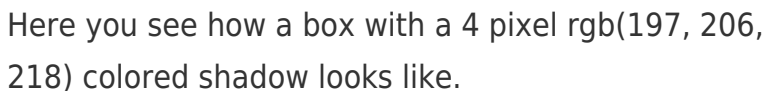
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 206, 218) }
```

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

```
.border{ border-color:rgb(197, 206, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 206, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 206, 218); box-shadow:4px 4px 4px 4px rgb(197, 206, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0749, 0.2978, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 206, 218) }
```

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

```
.background{ background-color: rgb(197,  
206, 218) }
```

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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