

Converting Colors

$Yxy(61.1508, 0.2915, 0.3073)$

Have a look what the booklet for
Yxy(61.1508, 0.2915, 0.3073)
contains.

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Color

Yxy(61.0482, 0.2911, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	C2CEE1
RGB	194, 206, 225
RGB Percent	76%, 81%, 88%
CMY	0.2393, 0.1921, 0.1176
CMYK	0.14, 0.08, 0.00, 0.12
HSL	217°, 34%, 82%
HSV	217°, 14%, 88%
XYZ	57.9053, 61.0482, 79.9654
YIQ	204.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

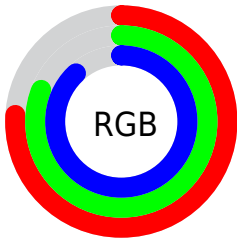
Format	Color
R_{YB}	194, 203, 225
Decimal	12766945
CIE _{Lab}	82.40, -0.29, -10.78
CIE _{LCh}	82, 10.785, 268.456
Yxy	61.0482, 0.2911, 0.3069
Android (android.graphics.Color)	4290957025 (0xFFC2CEE1)
YUV	204.5780, 10.0680, -9.2769
Hunter-Lab	78.1333, -4.4455, -5.9869

Details

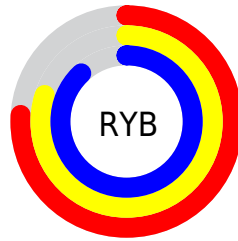
The Yxy color **61.0482, 0.2911, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.4735, 0.3351, 0.3502**, and the grayscale version is **60.7090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **30.9342, 0.2853, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **51.9523, 0.2744, 0.2886**, and if you desaturate by 10%, it is **71.1810, 0.3070, 0.3233**.

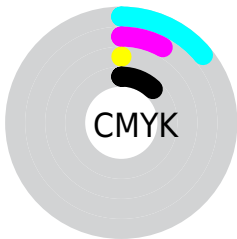
Distribution



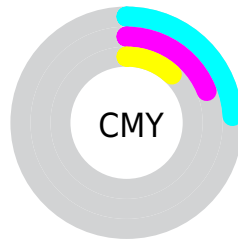
- Red (76%)
- Green (81%)
- Blue (88%)



- Red (76%)
- Yellow (80%)
- Blue (88%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0482, 0.2911, 0.3069 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 61.0482, 0.2911, 0.3069 by changing the saturation by 10% instead.

■ 61.0482, 0.2911,
0.3069

■ 61.0482, 0.2911,
0.3069

428.4507, 0.3014,
0.3174

■ 44.2641, 0.2887,
0.3044

■ 106.3487, 0.2947,
0.3106

■ 30.8782, 0.2857,
0.3013

135.6339, 0.2961,
0.3120

■ 20.5061, 0.2818,
0.2973

169.8549, 0.2973,
0.3133

■ 12.7635, 0.2766,
0.2920

209.3961, 0.2983,
0.3143

■ 7.2659, 0.2693,
0.2846

254.6419, 0.2992,
0.3152

■ 3.6289, 0.2585,
0.2734

305.9766, 0.3000,

■ 1.4682, 0.2406,

0.3161

0.2550

363.7848, 0.3007,
0.3168

0.2662, 0.1579,
0.1709

0.0000, 0.0000,
0.0000

61.0482, 0.2911,
0.3069

61.0482, 0.2911,
0.3069

51.9523, 0.2744,
0.2886

71.1810, 0.3070,
0.3233

43.8506, 0.2571,
0.2685

82.3762, 0.3218,
0.3378

36.7085, 0.2397,
0.2467

93.4187, 0.3313,
0.3509

30.4862, 0.2226,
0.2236

98.2163, 0.3304,
0.3582

■ 25.1408, 0.2065,
0.1998

■ 20.6253, 0.1922,
0.1760

■ 16.8869, 0.1803,
0.1532

■ 13.8648, 0.1712,
0.1323

■ 12.2978, 0.1668,
0.1205

Harmonies

Analogous

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



61.0482, 0.2863, 0.3136



61.0482, 0.2911, 0.3069



61.0482, 0.3016, 0.3061

Triad

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



61.0482, 0.2911, 0.3069



61.0482, 0.3376, 0.3324



61.0482, 0.3097, 0.3480

Complementary

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



61.0482, 0.2911, 0.3069



67.4735, 0.3351, 0.3502

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.



61.0482, 0.3235, 0.3530



61.0482, 0.2911, 0.3069



61.0482, 0.3398, 0.3436

Square

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



61.0482, 0.2911, 0.3069



61.0482, 0.3285, 0.3206



61.0482, 0.3346, 0.3513



61.0482, 0.2969, 0.3375

Rectangle

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



61.0482, 0.2911, 0.3069



61.0482, 0.3106, 0.3088



61.0482, 0.3346, 0.3513



61.0482, 0.3144, 0.3504

Sweetspot

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



61.0507, 0.2911, 0.3069



94.1975, 0.3066, 0.3229



70.1006, 0.2993, 0.3433



19.9341, 0.3054, 0.3217



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.



61.0507, 0.2911, 0.3069



76.9084, 0.2856, 0.3010



55.8908, 0.2930, 0.2928



14.1108, 0.2981, 0.3143



7.2973, 0.1676, 0.1234



0.6759, 0.1762, 0.1542

Inverse Universe

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



59.0380, 0.3286, 0.3156



73.7995, 0.3332, 0.3122



73.2585, 0.3310, 0.3633



13.7881, 0.3231, 0.3199



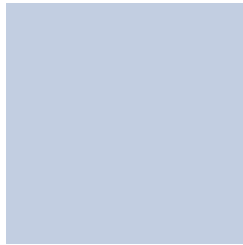
9.6447, 0.5419, 0.2759



0.6857, 0.5005, 0.2531

Previews

White Background



This preview shows how the Yxy color 61.0482, 0.2911, 0.3069 looks on a white background.

Color Contrast Check

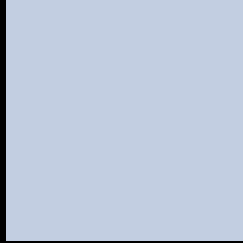
Large Text (above 18pt) WCAG AA × Fail

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 61.0482, 0.2911, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

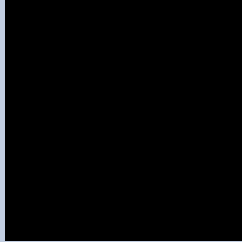
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

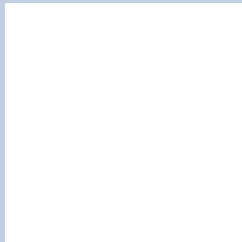
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.0482, 0.2911, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 61.0482, 0.2911, 0.3069.



This preview shows how white text looks on a background with the Yxy color 61.0482, 0.2911, 0.3069.

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

61.0482, 0.2911, 0.3069

Protanopia

60.7361, 0.2988, 0.3061

Deuteranopia

60.7849, 0.3057, 0.2989



Tritanopia

60.9397, 0.2924, 0.3092

Trichromacy



Original Color

61.0482, 0.2911, 0.3069

Protanomaly

60.8469, 0.2960, 0.3060

Deuteranomaly

60.9974, 0.2997, 0.3018

Tritanomaly

60.9938, 0.2918, 0.3080

Monochromacy



Original Color

61.0482, 0.2911, 0.3069

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8336, 0.3048, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0482, 0.2911, 0.3069 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(194, 206, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 225)  
}
```

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(194, 206, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 225) }
```

Border

The CSS property to change the border of an element to Yxy 61.0482, 0.2911, 0.3069 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(194, 206, 225) }
```

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

```
.border{ border-color:rgb(194, 206, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0482, 0.2911, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 225) }
```

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

```
.background{ background-color: rgb(194,  
206, 225) }
```

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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