

Converting Colors

$Yxy(60.2310, 0.2905, 0.3005)$

Have a look what the booklet for
Yxy(60.2310, 0.2905, 0.3005)
contains.

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Color

Yxy(60.0491, 0.2905, 0.3001)

Conversions

Conversions Part 1

Format	Color
Hex	C4CBE4
RGB	196, 203, 228
RGB Percent	77%, 80%, 89%
CMY	0.2313, 0.2039, 0.1059
CMYK	0.14, 0.11, 0.00, 0.11
HSL	227°, 37%, 83%
HSV	227°, 14%, 89%
XYZ	58.1282, 60.0491, 81.9197
YIQ	203.7570, -12.1970, 6.2910

Conversions

Conversions Part 2

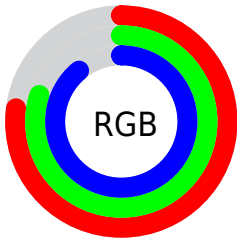
Format	Color
R _{YB}	196, 202, 228
Decimal	12897252
CIE Lab	81.86, 2.58, -13.17
CIE LCh	82, 13.420, 281.080
Yxy	60.0491, 0.2905, 0.3001
Android (android.graphics.Color)	4291087332 (0xFFC4CBE4)
YUV	203.7570, 11.9518, -6.8029
Hunter-Lab	77.4914, -1.7126, -8.4343

Details

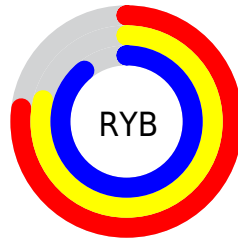
The Yxy color **60.0491, 0.2905, 0.3001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2031, 0.3347, 0.3563**, and the grayscale version is **60.1545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **30.2628, 0.2844, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **49.2813, 0.2730, 0.2764**, and if you desaturate by 10%, it is **72.2545, 0.3066, 0.3212**.

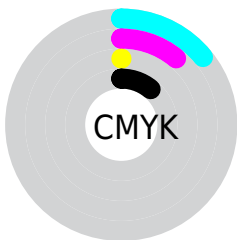
Distribution



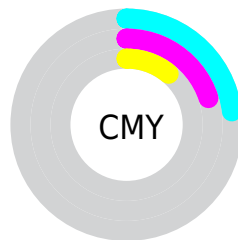
- Red (77%)
- Green (80%)
- Blue (89%)



- Red (77%)
- Yellow (79%)
- Blue (89%)



- Cyan (14%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0491, 0.2905, 0.3001 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 60.0491, 0.2905, 0.3001 by changing the saturation by 10% instead.

■ 60.0491, 0.2905,
0.3001

■ 60.0491, 0.2905,
0.3001

424.7787, 0.3011,
0.3138

■ 43.4582, 0.2880,
0.2969

104.9009, 0.2943,
0.3049

■ 30.2448, 0.2848,
0.2929

133.9306, 0.2957,
0.3068

■ 20.0245, 0.2808,
0.2877

167.8753, 0.2969,
0.3084

■ 12.4128, 0.2754,
0.2809

207.1195, 0.2980,
0.3097

■ 7.0255, 0.2678,
0.2714

252.0476, 0.2989,
0.3109

■ 3.4780, 0.2564,
0.2573

303.0439, 0.2997,

■ 1.3861, 0.2375,

0.3120

0.2345

360.4928, 0.3005,
0.3130

0.2065, 0.1597,
0.1272

0.0000, 0.0000,
0.0000

60.0491, 0.2905,
0.3001

60.0491, 0.2905,
0.3001

49.2813, 0.2730,
0.2764

72.2545, 0.3066,
0.3212

39.8902, 0.2544,
0.2503

85.9409, 0.3213,
0.3398

31.8213, 0.2351,
0.2221

98.3810, 0.3286,
0.3552

25.0136, 0.2159,
0.1927

■ 19.4011, 0.1977,
0.1633

■ 14.9113, 0.1817,
0.1354

■ 11.4634, 0.1687,
0.1106

■ 8.9642, 0.1596,
0.0905

■ 7.8593, 0.1558,
0.0809

Harmonies

Analogous

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



60.0491, 0.2813, 0.3054



60.0491, 0.2905, 0.3001



60.0491, 0.3057, 0.3023

Triad

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



60.0491, 0.2905, 0.3001



60.0491, 0.3462, 0.3393



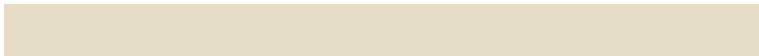
60.0491, 0.3017, 0.3480

Complementary

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



60.0491, 0.2905, 0.3001



72.2031, 0.3347, 0.3563

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.



60.0491, 0.3190, 0.3576



60.0491, 0.2905, 0.3001



60.0491, 0.3450, 0.3520

Square

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



60.0491, 0.2905, 0.3001



60.0491, 0.3382, 0.3245



60.0491, 0.3349, 0.3589



60.0491, 0.2877, 0.3329

Rectangle

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



60.0491, 0.2905, 0.3001



60.0491, 0.3174, 0.3076



60.0491, 0.3349, 0.3589



60.0491, 0.3074, 0.3520

Sweetspot

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



60.0516, 0.2905, 0.3001



93.1333, 0.3066, 0.3212



72.4179, 0.2959, 0.3374



19.6654, 0.3055, 0.3197



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.



60.0516, 0.2905, 0.3001



72.9339, 0.2852, 0.2931



58.0079, 0.2965, 0.2925



14.3943, 0.2980, 0.3101



4.6813, 0.1564, 0.0831



0.4812, 0.1638, 0.1097

Inverse Universe

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



60.2961, 0.3332, 0.3213



73.3983, 0.3385, 0.3195



74.6025, 0.3275, 0.3643



14.4192, 0.3258, 0.3239



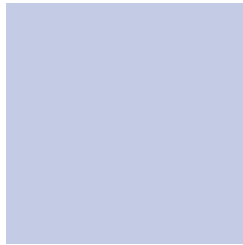
9.6703, 0.6020, 0.3090



0.7283, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 60.0491, 0.2905, 0.3001 looks on a white background.

Color Contrast Check

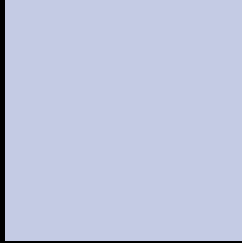
Large Text (above 18pt) WCAG AA × Fail

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 60.0491, 0.2905, 0.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

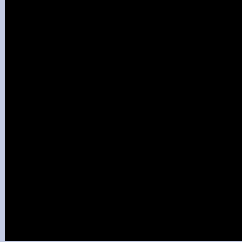
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0491, 0.2905, 0.3001

Background



This preview shows how black text looks on a background with the Yxy color 60.0491, 0.2905, 0.3001.

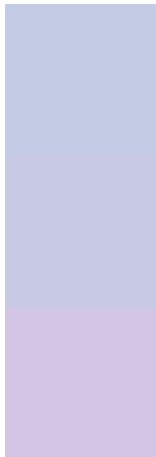


This preview shows how white text looks on a background with the Yxy color 60.0491, 0.2905, 0.3001.

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

60.0491, 0.2905, 0.3001

Protanopia

60.0665, 0.2940, 0.3003

Deuteranopia

59.8942, 0.3007, 0.2942



Tritanopia

59.9551, 0.2950, 0.3102

Trichromacy



Original Color

60.0491, 0.2905, 0.3001

Protanomaly

59.9292, 0.2932, 0.3002

Deuteranomaly

60.0875, 0.2970, 0.2962

Tritanomaly

60.1155, 0.2931, 0.3068

Monochromacy



Original Color

60.0491, 0.2905, 0.3001

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4073, 0.3042, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0491, 0.2905, 0.3001 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(196, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 228)  
}
```

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(196, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 228) }
```

Border

The CSS property to change the border of an element to Yxy 60.0491, 0.2905, 0.3001 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(196, 203, 228) }
```

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

```
.border{ border-color:rgb(196, 203, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 203, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 203, 228); box-shadow:4px 4px 4px 4px rgb(196, 203, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0491, 0.2905, 0.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 228) }
```

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

```
.background{ background-color: rgb(196,  
203, 228) }
```

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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