

Converting Colors

$Yxy(60.7485, 0.2822, 0.3079)$

Have a look what the booklet for
Yxy(60.7485, 0.2822, 0.3079)
contains.

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Color

Yxy(60.5478, 0.2823, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	B6D0E2
RGB	182, 208, 226
RGB Percent	71%, 82%, 89%
CMY	0.2865, 0.1843, 0.1136
CMYK	0.19, 0.08, 0.00, 0.11
HSL	205°, 43%, 80%
HSV	205°, 19%, 89%
XYZ	55.5678, 60.5478, 80.7238
YIQ	202.2780, -21.2740, 0.0860

Conversions

Conversions Part 2

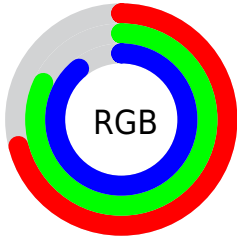
Format	Color
RYB	182, 198, 226
Decimal	11981026
CIELab	82.14, -4.91, -11.81
CIElCh	82, 12.795, 247.431
Yxy	60.5478, 0.2823, 0.3076
Android (android.graphics.Color)	4290171106 (0xFFB6D0E2)
YUV	202.2780, 11.6949, -17.7838
Hunter-Lab	77.8125, -8.7007, -7.0396

Details

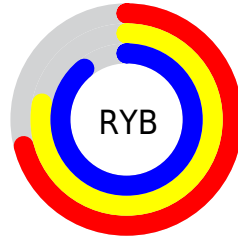
The Yxy color **60.5478, 0.2823, 0.3076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.8358, 0.3473, 0.3495**, and the grayscale version is **59.1776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **30.6407, 0.2742, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **53.6446, 0.2665, 0.2949**, and if you desaturate by 10%, it is **68.1622, 0.2981, 0.3191**.

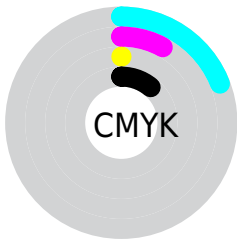
Distribution



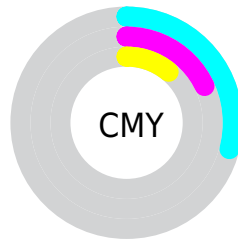
- Red (71%)
- Green (82%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5478, 0.2823, 0.3076 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 60.5478, 0.2823, 0.3076 by changing the saturation by 10% instead.

■ 60.5478, 0.2823,
0.3076

■ 60.5478, 0.2823,
0.3076

426.6140, 0.2967,
0.3179

■ 43.8603, 0.2789,
0.3051

■ 105.6239, 0.2874,
0.3113

■ 30.5607, 0.2747,
0.3021

134.7813, 0.2893,
0.3127

■ 20.2646, 0.2693,
0.2981

168.8642, 0.2910,
0.3139

■ 12.5875, 0.2621,
0.2927

208.2569, 0.2924,
0.3149

■ 7.1451, 0.2522,
0.2851

253.3439, 0.2937,
0.3158

■ 3.5530, 0.2374,
0.2736

304.5094, 0.2948,

■ 1.4268, 0.2135,

0.3166

0.2542

362.1380, 0.2958,
0.3173

0.2364, 0.0733,
0.1653

0.0000, 0.0000,
0.0000

60.5478, 0.2823,
0.3076

60.5478, 0.2823,
0.3076

53.6446, 0.2665,
0.2949

68.1622, 0.2981,
0.3191

47.4196, 0.2510,
0.2812

76.5046, 0.3135,
0.3295

41.8476, 0.2361,
0.2665

85.6002, 0.3284,
0.3387

36.8988, 0.2224,
0.2511

92.0287, 0.3309,
0.3476

■ 32.5403, 0.2102,
0.2352

■ 97.7550, 0.3298,
0.3564

■ 28.7352, 0.1999,
0.2192

■ 98.2721, 0.3297,
0.3572

■ 25.4403, 0.1918,
0.2035

■ 22.5880, 0.1857,
0.1882

■ 22.4528, 0.1854,
0.1874

Harmonies

Analogous

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



60.5478, 0.2823, 0.3195



60.5478, 0.2823, 0.3076



60.5478, 0.2902, 0.3017

Triad

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



60.5478, 0.2823, 0.3076



60.5478, 0.3355, 0.3230



60.5478, 0.3207, 0.3567

Complementary

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



60.5478, 0.2823, 0.3076



60.8358, 0.3473, 0.3495

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.



60.5478, 0.3353, 0.3570



60.5478, 0.2823, 0.3076



60.5478, 0.3441, 0.3371

Square

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



60.5478, 0.2823, 0.3076



60.5478, 0.3207, 0.3107



60.5478, 0.3440, 0.3496



60.5478, 0.3042, 0.3485

Rectangle

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



60.5478, 0.2823, 0.3076



60.5478, 0.2990, 0.3018



60.5478, 0.3440, 0.3496



60.5478, 0.3260, 0.3577

Sweetspot

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



60.5503, 0.2823, 0.3076



93.2890, 0.3034, 0.3228



68.4937, 0.2993, 0.3606



19.8159, 0.3024, 0.3221



0.0000, 0.0000, 0.0000



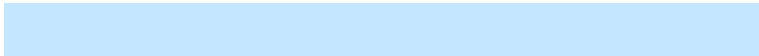
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5503, 0.2823, 0.3076



76.1755, 0.2765, 0.3031



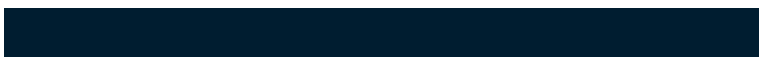
50.6998, 0.2807, 0.2810



14.5841, 0.2981, 0.3192



13.0458, 0.1861, 0.1898



1.0790, 0.1926, 0.2135

Inverse Universe

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



54.1625, 0.3292, 0.2998



66.6696, 0.3330, 0.2941



71.5852, 0.3429, 0.3729



13.8359, 0.3200, 0.3152



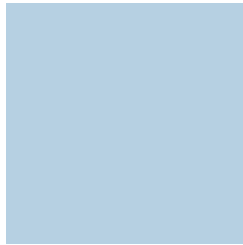
10.2250, 0.4570, 0.2291



0.7264, 0.4303, 0.2144

Previews

White Background



This preview shows how the Yxy color 60.5478, 0.2823, 0.3076 looks on a white background.

Color Contrast Check

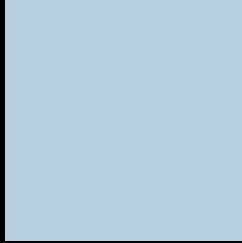
Large Text (above 18pt) WCAG AA × Fail

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 60.5478, 0.2823, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

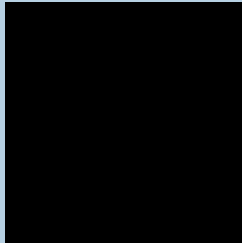
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

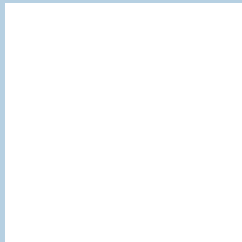
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5478, 0.2823, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 60.5478, 0.2823, 0.3076.



This preview shows how white text looks on a background with the Yxy color 60.5478, 0.2823, 0.3076.

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

60.5478, 0.2823, 0.3076

Protanopia

60.5961, 0.2981, 0.3060

Deuteranopia

60.5944, 0.3028, 0.2966



Tritanopia

60.4931, 0.2830, 0.3088

Trichromacy



Original Color

60.5478, 0.2823, 0.3076

Protanomaly

60.6466, 0.2924, 0.3069

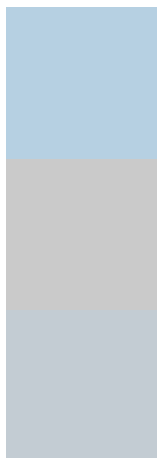
Deuteranomaly

60.3437, 0.2954, 0.3004

Tritanomaly

60.4931, 0.2830, 0.3088

Monochromacy



Original Color

60.5478, 0.2823, 0.3076

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4910, 0.3011, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5478, 0.2823, 0.3076 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(182, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 226)  
}
```

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(182, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.5478, 0.2823, 0.3076 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(182, 208, 226) }
```

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

```
.border{ border-color:rgb(182, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5478, 0.2823, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 226) }
```

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

```
.background{ background-color: rgb(182,  
208, 226) }
```

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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