

Converting Colors

$Yxy(60.7552, 0.2839, 0.3095)$

Have a look what the booklet for
Yxy(60.7552, 0.2839, 0.3095)
contains.

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Color

Yxy(60.6153, 0.2836, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	B7D0E1
RGB	183, 208, 225
RGB Percent	72%, 82%, 88%
CMY	0.2825, 0.1843, 0.1176
CMYK	0.19, 0.08, 0.00, 0.12
HSL	204°, 41%, 80%
HSV	204°, 19%, 88%
XYZ	55.6687, 60.6153, 80.0091
YIQ	202.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

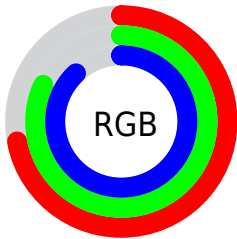
Format	Color
RYB	183, 199, 225
Decimal	12046561
CIELab	82.17, -4.81, -11.22
CIELCh	82, 12.206, 246.768
Yxy	60.6153, 0.2836, 0.3088
Android (android.graphics.Color)	4290236641 (0xFFB7D0E1)
YUV	202.4630, 11.1107, -17.0691
Hunter-Lab	77.8558, -8.6161, -6.4307

Details

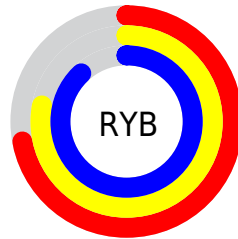
The Yxy color **60.6153, 0.2836, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7168, 0.3457, 0.3484**, and the grayscale version is **59.3033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **30.6806, 0.2758, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **53.7669, 0.2678, 0.2964**, and if you desaturate by 10%, it is **68.1641, 0.2993, 0.3201**.

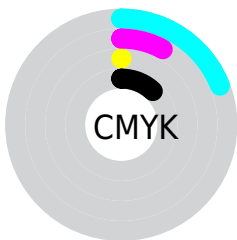
Distribution



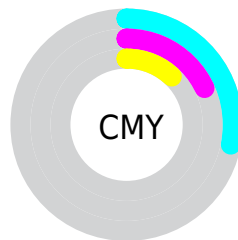
- Red (72%)
- Green (82%)
- Blue (88%)



- Red (72%)
- Yellow (78%)
- Blue (88%)



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6153, 0.2836, 0.3088 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 60.6153, 0.2836, 0.3088 by changing the saturation by 10% instead.

■ 60.6153, 0.2836,
0.3088

■ 60.6153, 0.2836,
0.3088

426.8620, 0.2974,
0.3185

■ 43.9148, 0.2804,
0.3065

■ 105.7217, 0.2885,
0.3123

■ 30.6035, 0.2763,
0.3036

134.8964, 0.2903,
0.3136

■ 20.2971, 0.2712,
0.2998

168.9979, 0.2919,
0.3147

■ 12.6112, 0.2643,
0.2947

208.4107, 0.2933,
0.3157

■ 7.1614, 0.2547,
0.2875

253.5191, 0.2945,
0.3165

■ 3.5632, 0.2405,
0.2766

304.7075, 0.2956,

■ 1.4324, 0.2174,

0.3173

0.2582

362.3604, 0.2965,
0.3179

0.2404, 0.0793,
0.1718

0.0000, 0.0000,
0.0000

60.6153, 0.2836,
0.3088

60.6153, 0.2836,
0.3088

53.7669, 0.2678,
0.2964

68.1641, 0.2993,
0.3201

47.5864, 0.2523,
0.2829

76.4295, 0.3147,
0.3303

42.0492, 0.2374,
0.2684

85.4363, 0.3296,
0.3393

37.1261, 0.2236,
0.2533

91.6379, 0.3316,
0.3481

■ 32.7852, 0.2114,
0.2376

■ 97.2596, 0.3305,
0.3567

■ 28.9903, 0.2010,
0.2218

■ 98.2170, 0.3303,
0.3581

■ 25.6998, 0.1928,
0.2061

■ 22.8528, 0.1866,
0.1910

■ 22.5022, 0.1858,
0.1890

Harmonies

Analogous

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



60.6153, 0.2838, 0.3203



60.6153, 0.2836, 0.3088



60.6153, 0.2910, 0.3030

Triad

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



60.6153, 0.2836, 0.3088



60.6153, 0.3342, 0.3230



60.6153, 0.3207, 0.3555

Complementary

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



60.6153, 0.2836, 0.3088



60.7168, 0.3457, 0.3484

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.



60.6153, 0.3346, 0.3556



60.6153, 0.2836, 0.3088



60.6153, 0.3425, 0.3365

Square

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



60.6153, 0.2836, 0.3088



60.6153, 0.3200, 0.3113



60.6153, 0.3426, 0.3485



60.6153, 0.3050, 0.3478

Rectangle

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



60.6153, 0.2836, 0.3088



60.6153, 0.2993, 0.3029



60.6153, 0.3426, 0.3485



60.6153, 0.3257, 0.3564

Sweetspot

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



60.6178, 0.2836, 0.3088



93.3299, 0.3034, 0.3229



68.0802, 0.2999, 0.3591



19.8256, 0.3024, 0.3222



0.0000, 0.0000, 0.0000



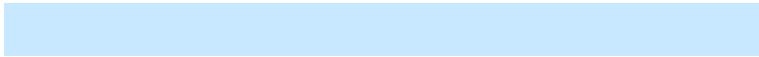
21.4041, 0.3127, 0.3290

Same Dimension

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



60.6178, 0.2836, 0.3088



77.2432, 0.2781, 0.3046



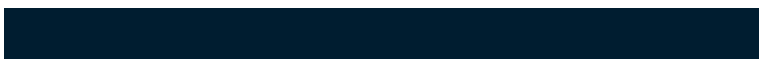
51.1099, 0.2822, 0.2832



14.5943, 0.2981, 0.3193



13.2000, 0.1865, 0.1913



1.0892, 0.1930, 0.2148

Inverse Universe

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



54.4147, 0.3283, 0.3009



67.9054, 0.3318, 0.2955



71.0388, 0.3416, 0.3710



13.8369, 0.3199, 0.3151



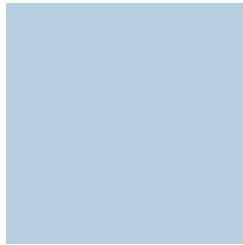
10.2406, 0.4552, 0.2281



0.7274, 0.4289, 0.2136

Previews

White Background



This preview shows how the Yxy color 60.6153, 0.2836, 0.3088 looks on a white background.

Color Contrast Check

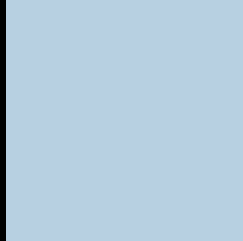
Large Text (above 18pt) WCAG AA × Fail

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 60.6153, 0.2836, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

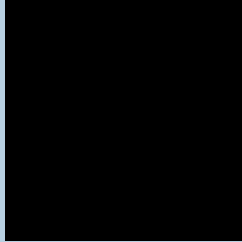
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

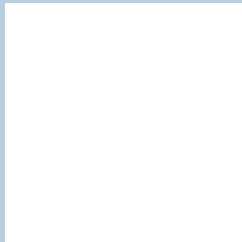
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6153, 0.2836, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 60.6153, 0.2836, 0.3088.



This preview shows how white text looks on a background with the Yxy color 60.6153, 0.2836, 0.3088.

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

60.6153, 0.2836, 0.3088

Protanopia

60.6823, 0.2995, 0.3072

Deuteranopia

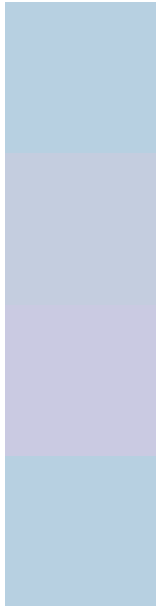
60.5390, 0.3035, 0.2977



Tritanopia

60.6153, 0.2836, 0.3088

Trichromacy



Original Color

60.6153, 0.2836, 0.3088

Protanomaly

60.7261, 0.2938, 0.3081

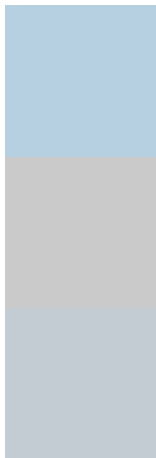
Deuteranomaly

60.2886, 0.2961, 0.3015

Tritanomaly

60.6153, 0.2836, 0.3088

Monochromacy



Original Color

60.6153, 0.2836, 0.3088

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4410, 0.3018, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6153, 0.2836, 0.3088 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(183, 208, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 208, 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(183, 208, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 208, 225) }
```

Border

The CSS property to change the border of an element to Yxy 60.6153, 0.2836, 0.3088 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(183, 208, 225) }
```

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

```
.border{ border-color:rgb(183, 208, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 208, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 208, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 208, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 208,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6153, 0.2836, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 208, 225) }
```

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

```
.background{ background-color: rgb(183,  
208, 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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