

Converting Colors

$Y_{xy}(50.7000, 0.2903, 0.3086)$

Have a look what the booklet for
Yxy(50.7000, 0.2903, 0.3086)
contains.

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Color

Yxy(50.6303, 0.2908, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	B1BECE
RGB	177, 190, 206
RGB Percent	69%, 75%, 81%
CMY	0.3060, 0.2548, 0.1922
CMYK	0.14, 0.08, 0.00, 0.19
HSL	213°, 23%, 75%
HSV	213°, 14%, 81%
XYZ	47.6791, 50.6303, 65.6489
YIQ	187.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

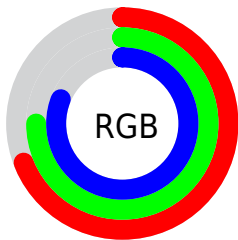
Format	Color
RYB	177, 186, 206
Decimal	11648718
CIELab	76.45, -1.23, -9.56
CIELCh	76, 9.635, 262.677
Yxy	50.6303, 0.2908, 0.3088
Android (android.graphics.Color)	4289838798 (0xFFB1BECE)
YUV	187.9370, 8.9051, -9.5917
Hunter-Lab	71.1550, -4.9131, -4.8936

Details

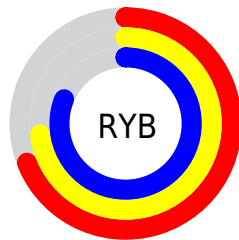
The Yxy color **50.6303, 0.2908, 0.3088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.4113, 0.3358, 0.3484**, and the grayscale version is **50.2039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4552, 0.2993, 0.3200**, and **24.4434, 0.2845, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **43.6702, 0.2744, 0.2925**, and if you desaturate by 10%, it is **58.3420, 0.3065, 0.3235**.

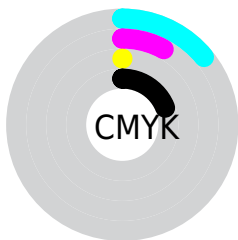
Distribution



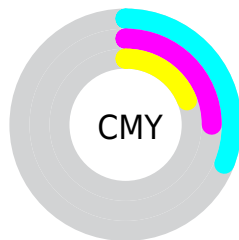
- Red (69%)
- Green (75%)
- Blue (81%)



- Red (69%)
- Yellow (73%)
- Blue (81%)



- Cyan (14%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (31%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6303, 0.2908, 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 50.6303, 0.2908, 0.3088 by changing the saturation by 10% instead.

■ 50.6303, 0.2908,
0.3088

■ 50.6303, 0.2908,
0.3088

389.1257, 0.3016,
0.3188

■ 35.9145, 0.2882,
0.3064

■ 91.1081, 0.2947,
0.3124

■ 24.3681, 0.2848,
0.3032

117.6388, 0.2961,
0.3137

■ 15.6069, 0.2805,
0.2992

148.8766, 0.2974,
0.3149

■ 9.2464, 0.2745,
0.2935

185.2059, 0.2984,
0.3159

■ 4.9023, 0.2658,
0.2853

227.0110, 0.2994,
0.3167

■ 2.1900, 0.2520,
0.2723

274.6765, 0.3002,

■ 0.7146, 0.2243,

0.3175

0.2469

328.5866, 0.3009,
0.3182

0.0000, 0.0000,
0.0000

50.6303, 0.2908,
0.3088

50.6303, 0.2908,
0.3088

43.6702, 0.2744,
0.2925

58.3420, 0.3065,
0.3235

37.4304, 0.2577,
0.2746

66.8227, 0.3214,
0.3365

31.8866, 0.2410,
0.2552

76.0970, 0.3354,
0.3481

27.0103, 0.2248,
0.2346

85.3491, 0.3453,
0.3585

22.7709, 0.2097,
0.2133

92.0653, 0.3432,
0.3693

■ 19.1346, 0.1963,
0.1918

■ 97.2360, 0.3418,
0.3770

■ 16.0637, 0.1851,
0.1708

■ 13.5139, 0.1764,
0.1511

■ 12.2127, 0.1723,
0.1401

Harmonies

Analogous

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



50.6303, 0.2875, 0.3162



50.6303, 0.2908, 0.3088



50.6303, 0.2999, 0.3069

Triad

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



50.6303, 0.2908, 0.3088



50.6303, 0.3352, 0.3300



50.6303, 0.3124, 0.3484

Complementary

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



50.6303, 0.2908, 0.3088



54.4113, 0.3358, 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.



50.6303, 0.3253, 0.3520



50.6303, 0.2908, 0.3088



50.6303, 0.3386, 0.3410

Square

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



50.6303, 0.2908, 0.3088



50.6303, 0.3256, 0.3190



50.6303, 0.3350, 0.3492



50.6303, 0.2998, 0.3393

Rectangle

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



50.6303, 0.2908, 0.3088



50.6303, 0.3082, 0.3088



50.6303, 0.3350, 0.3492



50.6303, 0.3169, 0.3503

Sweetspot

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



50.6324, 0.2908, 0.3088



94.5859, 0.3066, 0.3235



57.3312, 0.3001, 0.3454



20.0322, 0.3054, 0.3225



0.0000, 0.0000, 0.0000



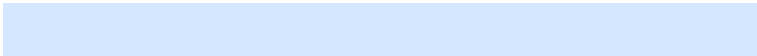
21.4041, 0.3127, 0.3290

Same Dimension

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



50.6324, 0.2908, 0.3088



78.3922, 0.2858, 0.3039



45.4017, 0.2914, 0.2920



11.6604, 0.2983, 0.3159



7.7085, 0.1730, 0.1427



0.5484, 0.1835, 0.1806

Inverse Universe

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



48.2707, 0.3274, 0.3132



73.9493, 0.3313, 0.3096



60.2282, 0.3325, 0.3637



11.2961, 0.3221, 0.3186



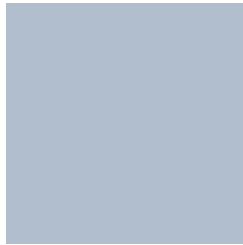
8.5812, 0.5154, 0.2613



0.4579, 0.4679, 0.2351

Previews

White Background



This preview shows how the Yxy color 50.6303, 0.2908, 0.3088 looks on a white background.

Color Contrast Check

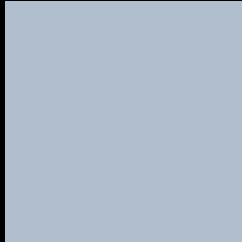
Large Text (above 18pt) WCAG AA × Fail

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 50.6303, 0.2908, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

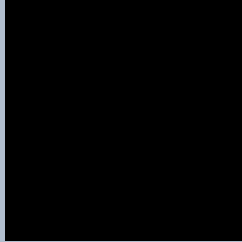
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

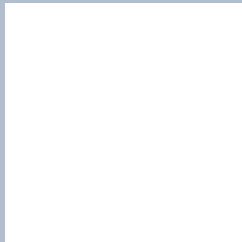
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.6303, 0.2908, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 50.6303, 0.2908, 0.3088.



This preview shows how white text looks on a background with the Yxy color 50.6303, 0.2908, 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

50.6303, 0.2908, 0.3088

Protanopia

50.4651, 0.2999, 0.3079

Deuteranopia

50.3777, 0.3066, 0.3000



Tritanopia

50.5818, 0.2915, 0.3100

Trichromacy



Original Color

50.6303, 0.2908, 0.3088

Protanomaly

50.4415, 0.2961, 0.3077

Deuteranomaly

50.5700, 0.3001, 0.3032

Tritanomaly

50.5818, 0.2915, 0.3100

Monochromacy



Original Color

50.6303, 0.2908, 0.3088

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5257, 0.3042, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6303, 0.2908, 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(177, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(177, 190, 206)  
}
```

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(177, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 190, 206) }
```

Border

The CSS property to change the border of an element to Yxy 50.6303, 0.2908, 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(177, 190, 206) }
```

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

```
.border{ border-color:rgb(177, 190, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(177, 190,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6303, 0.2908, 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(177, 190, 206) }
```

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

```
.background{ background-color: rgb(177,  
190, 206) }
```

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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