

Converting Colors

$Yxy(52.6471, 0.2919, 0.3178)$

Have a look what the booklet for
Yxy(52.6471, 0.2919, 0.3178)
contains.

Yxy(52.6200, 0.2916, 0.3176)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.6200, 0.2916, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	B0C3CC
RGB	176, 195, 204
RGB Percent	69%, 76%, 80%
CMY	0.3100, 0.2352, 0.1999
CMYK	0.14, 0.04, 0.00, 0.20
HSL	199°, 22%, 75%
HSV	199°, 14%, 80%
XYZ	48.3123, 52.6200, 64.7478
YIQ	190.3450, -14.2130, -1.2290

Conversions

Conversions Part 2

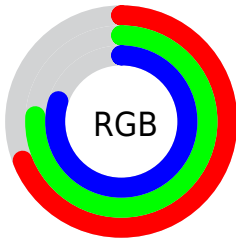
Format	Color
R _Y B	176, 187, 204
Decimal	11584460
CIE Lab	77.65, -4.63, -6.72
CIE LCh	78, 8.159, 235.425
Yxy	52.6200, 0.2916, 0.3176
Android (android.graphics.Color)	4289774540 (0xFFB0C3CC)
YUV	190.3450, 6.7319, -12.5806
Hunter-Lab	72.5396, -8.0611, -2.1436

Details

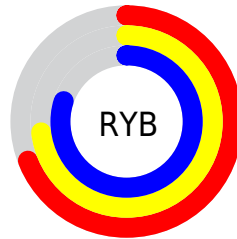
The Yxy color **52.6200, 0.2916, 0.3176** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6529, 0.3363, 0.3401**, and the grayscale version is **51.6658, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9966, 0.2987, 0.3260**, and **25.4627, 0.2857, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **47.5513, 0.2763, 0.3083**, and if you desaturate by 10%, it is **58.1790, 0.3070, 0.3260**.

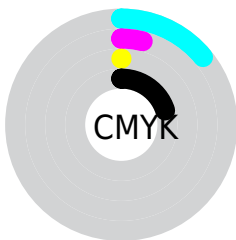
Distribution



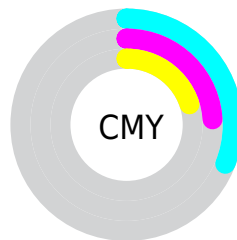
- Red (69%)
- Green (76%)
- Blue (80%)



- Red (69%)
- Yellow (73%)
- Blue (80%)



- Cyan (14%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6200, 0.2916, 0.3176 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 52.6200, 0.2916, 0.3176 by changing the saturation by 10% instead.

■ 52.6200, 0.2916,
0.3176

■ 52.6200, 0.2916,
0.3176

■ 396.8255, 0.3019,
0.3233

■ 37.4995, 0.2891,
0.3162

■ 94.0450, 0.2953,
0.3196

■ 25.5945, 0.2860,
0.3144

■ 121.1182, 0.2967,
0.3204

■ 16.5205, 0.2818,
0.3121

■ 152.9445, 0.2979,
0.3211

■ 9.8932, 0.2762,
0.3088

■ 189.9083, 0.2989,
0.3216

■ 5.3282, 0.2681,
0.3040

■ 232.3938, 0.2998,
0.3221

■ 2.4411, 0.2555,
0.2963

■ 280.7856, 0.3006,

■ 0.8469, 0.2309,

0.3225

0.2826

335.4681, 0.3013,
0.3229

0.0000, 0.0000,
0.0000

52.6200, 0.2916,
0.3176

52.6200, 0.2916,
0.3176

47.5513, 0.2763,
0.3083

58.1790, 0.3070,
0.3260

42.9489, 0.2613,
0.2982

64.2382, 0.3222,
0.3336

38.7962, 0.2470,
0.2874

70.8156, 0.3369,
0.3404

35.0729, 0.2337,
0.2759

77.4368, 0.3493,
0.3465

31.7568, 0.2219,
0.2640

80.9648, 0.3480,
0.3530

■ 28.8233, 0.2118,
0.2518

■ 84.6291, 0.3468,
0.3594

■ 26.2440, 0.2036,
0.2395

■ 88.4312, 0.3455,
0.3657

■ 23.9852, 0.1975,
0.2274

■ 92.3724, 0.3443,
0.3719

■ 22.7005, 0.1944,
0.2199

■ 96.4543, 0.3432,
0.3780

Harmonies

Analogous

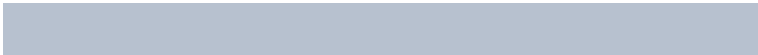
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6200, 0.2939, 0.3267



52.6200, 0.2916, 0.3176



52.6200, 0.2949, 0.3118

Triad

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



52.6200, 0.2916, 0.3176



52.6200, 0.3243, 0.3214



52.6200, 0.3224, 0.3481

Complementary

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



52.6200, 0.2916, 0.3176



50.6529, 0.3363, 0.3401

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.



52.6200, 0.3308, 0.3463



52.6200, 0.2916, 0.3176



52.6200, 0.3320, 0.3308

Square

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



52.6200, 0.2916, 0.3176



52.6200, 0.3137, 0.3141



52.6200, 0.3343, 0.3399



52.6200, 0.3115, 0.3446

Rectangle

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



52.6200, 0.2916, 0.3176



52.6200, 0.2998, 0.3104



52.6200, 0.3343, 0.3399



52.6200, 0.3256, 0.3481

Sweetspot

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



52.6222, 0.2916, 0.3176



96.0464, 0.3065, 0.3258



55.9153, 0.3049, 0.3534



20.4020, 0.3054, 0.3252



0.0000, 0.0000, 0.0000



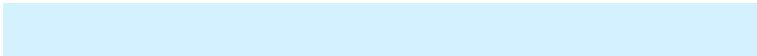
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6222, 0.2916, 0.3176



84.1306, 0.2863, 0.3145



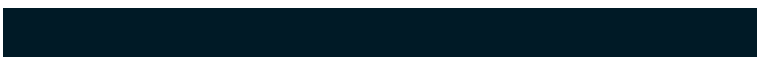
46.6734, 0.2911, 0.2996



12.0965, 0.2983, 0.3214



14.4597, 0.1949, 0.2216



0.8794, 0.2014, 0.2450

Inverse Universe

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



47.8134, 0.3216, 0.3059



74.5286, 0.3242, 0.2999



56.7613, 0.3340, 0.3568



11.3401, 0.3186, 0.3134



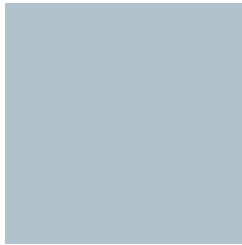
9.2627, 0.4215, 0.2096



0.4913, 0.3972, 0.1962

Previews

White Background



This preview shows how the Yxy color 52.6200, 0.2916, 0.3176 looks on a white background.

Color Contrast Check

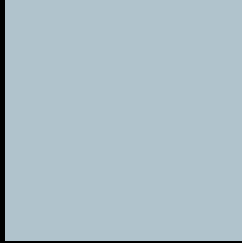
Large Text (above 18pt) WCAG AA × Fail

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 52.6200, 0.2916, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

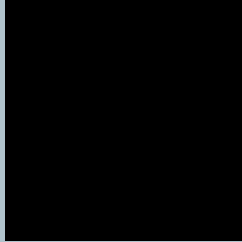
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

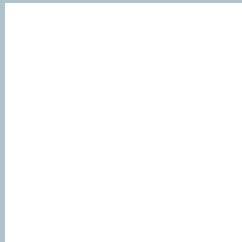
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6200, 0.2916, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 52.6200, 0.2916, 0.3176.



This preview shows how white text looks on a background with the Yxy color 52.6200, 0.2916, 0.3176.

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

52.6200, 0.2916, 0.3176

Protanopia

52.2504, 0.3061, 0.3155

Deuteranopia

52.4114, 0.3122, 0.3053



Tritanopia

52.5838, 0.2883, 0.3090

Trichromacy



Original Color

52.6200, 0.2916, 0.3176

Protanomaly

52.4026, 0.3006, 0.3166

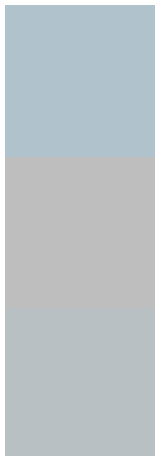
Deuteranomaly

52.2723, 0.3048, 0.3095

Tritanomaly

52.4848, 0.2896, 0.3114

Monochromacy



Original Color

52.6200, 0.2916, 0.3176

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9537, 0.3049, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6200, 0.2916, 0.3176 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(176, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(176, 195, 204)  
}
```

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(176, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 195, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.6200, 0.2916, 0.3176 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(176, 195, 204) }
```

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

```
.border{ border-color:rgb(176, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 195, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 195, 204); box-shadow:4px 4px 4px 4px rgb(176, 195, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6200, 0.2916, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 195, 204) }
```

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

```
.background{ background-color: rgb(176,  
195, 204) }
```

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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