

Converting Colors

$Y_{xy}(52.0713, 0.2860, 0.3100)$

Have a look what the booklet for
Yxy(52.0713, 0.2860, 0.3100)
contains.

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Color

Yxy(52.0713, 0.2860, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	ADC2D1
RGB	173, 194, 209
RGB Percent	68%, 76%, 82%
CMY	0.3215, 0.2392, 0.1803
CMYK	0.17, 0.07, 0.00, 0.18
HSL	205°, 28%, 75%
HSV	205°, 17%, 82%
XYZ	48.0400, 52.0713, 67.8607
YIQ	189.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

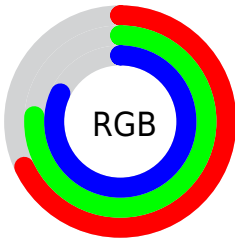
Format	Color
R_{YB}	173, 186, 209
Decimal	11387601
CIE _{Lab}	77.32, -3.97, -9.93
CIE _{LCh}	77, 10.700, 248.200
Yxy	52.0713, 0.2860, 0.3100
Android (android.graphics.Color)	4289577681 (0xFFADC2D1)
YUV	189.4310, 9.6475, -14.4100
Hunter-Lab	72.1604, -7.4465, -5.2448

Details

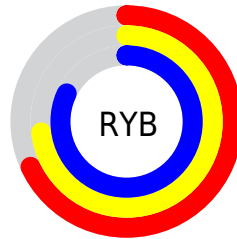
The Yxy color **52.0713, 0.2860, 0.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5682, 0.3425, 0.3473**, and the grayscale version is **51.1033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2492, 0.2969, 0.3240**, and **25.1158, 0.2783, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **46.1021, 0.2702, 0.2974**, and if you desaturate by 10%, it is **58.6457, 0.3016, 0.3215**.

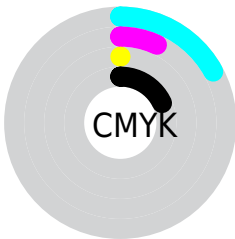
Distribution



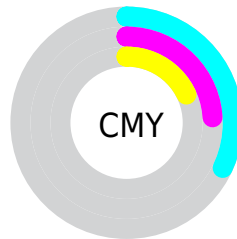
- Red (68%)
- Green (76%)
- Blue (82%)



- Red (68%)
- Yellow (73%)
- Blue (82%)



- Cyan (17%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (32%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0713, 0.2860, 0.3100 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 52.0713, 0.2860, 0.3100 by changing the saturation by 10% instead.

■ 52.0713, 0.2860,
0.3100

■ 52.0713, 0.2860,
0.3100

■ 394.7118, 0.2990,
0.3194

■ 37.0619, 0.2829,
0.3077

■ 93.2364, 0.2907,
0.3134

■ 25.2554, 0.2789,
0.3048

■ 120.1609, 0.2924,
0.3147

■ 16.2675, 0.2737,
0.3009

■ 151.8258, 0.2939,
0.3157

■ 9.7136, 0.2666,
0.2956

■ 188.6157, 0.2952,
0.3167

■ 5.2095, 0.2564,
0.2878

■ 230.9148, 0.2964,
0.3175

■ 2.3707, 0.2407,
0.2754

■ 279.1076, 0.2973,

■ 0.8108, 0.2104,

0.3182

0.2533

333.5785, 0.2982,
0.3188

0.0000, 0.0000,
0.0000

52.0713, 0.2860,
0.3100

52.0713, 0.2860,
0.3100

46.1021, 0.2702,
0.2974

58.6457, 0.3016,
0.3215

40.7107, 0.2546,
0.2837

65.8390, 0.3169,
0.3317

35.8764, 0.2395,
0.2689

73.6721, 0.3316,
0.3409

31.5749, 0.2254,
0.2534

81.8520, 0.3444,
0.3491

27.7794, 0.2127,
0.2373

86.8014, 0.3428,
0.3576

■ 24.4600, 0.2018,
0.2210

■ 91.9969, 0.3414,
0.3659

■ 21.5825, 0.1930,
0.2049

■ 97.3851, 0.3399,
0.3740

■ 19.1018, 0.1864,
0.1892

■ 18.4644, 0.1847,
0.1849

Harmonies

Analogous

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



52.0713, 0.2859, 0.3204



52.0713, 0.2860, 0.3100



52.0713, 0.2931, 0.3049

Triad

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



52.0713, 0.2860, 0.3100



52.0713, 0.3330, 0.3241



52.0713, 0.3194, 0.3532

Complementary

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



52.0713, 0.2860, 0.3100



52.5682, 0.3425, 0.3473

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.



52.0713, 0.3324, 0.3537



52.0713, 0.2860, 0.3100



52.0713, 0.3404, 0.3366

Square

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



52.0713, 0.2860, 0.3100



52.0713, 0.3202, 0.3131



52.0713, 0.3401, 0.3474



52.0713, 0.3049, 0.3458

Rectangle

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



52.0713, 0.2860, 0.3100



52.0713, 0.3010, 0.3050



52.0713, 0.3401, 0.3474



52.0713, 0.3241, 0.3542

Sweetspot

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



52.0734, 0.2860, 0.3100



94.3119, 0.3050, 0.3238



58.1353, 0.3005, 0.3556



20.0198, 0.3039, 0.3230



0.0000, 0.0000, 0.0000



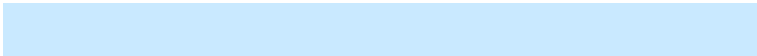
21.4041, 0.3127, 0.3290

Same Dimension

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



52.0734, 0.2860, 0.3100



77.7751, 0.2797, 0.3051



44.5503, 0.2849, 0.2866



12.5452, 0.2983, 0.3191



11.5795, 0.1853, 0.1872



0.8023, 0.1933, 0.2158

Inverse Universe

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



47.3496, 0.3272, 0.3039



69.1061, 0.3313, 0.2977



60.7357, 0.3390, 0.3681



11.9221, 0.3201, 0.3155



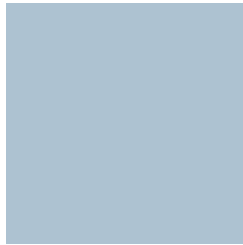
9.2402, 0.4601, 0.2308



0.5323, 0.4277, 0.2130

Previews

White Background



This preview shows how the Yxy color 52.0713, 0.2860, 0.3100 looks on a white background.

Color Contrast Check

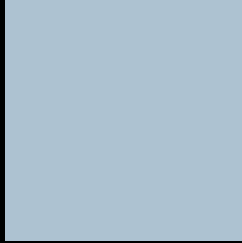
Large Text (above 18pt) WCAG AA × Fail

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 52.0713, 0.2860, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

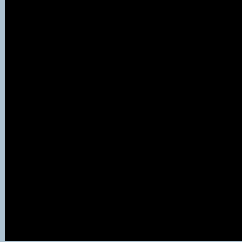
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

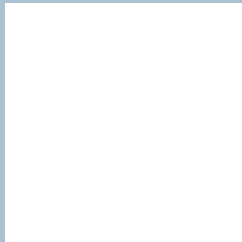
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0713, 0.2860, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 52.0713, 0.2860, 0.3100.



This preview shows how white text looks on a background with the Yxy color 52.0713, 0.2860, 0.3100.

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

52.0713, 0.2860, 0.3100

Protanopia

51.7986, 0.3009, 0.3081

Deuteranopia

52.1003, 0.3052, 0.2992



Tritanopia

52.0713, 0.2860, 0.3100

Trichromacy



Original Color

52.0713, 0.2860, 0.3100

Protanomaly

51.9569, 0.2955, 0.3092

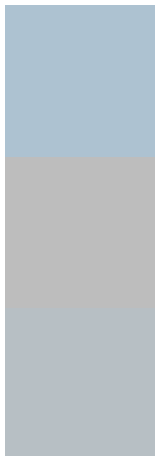
Deuteranomaly

51.9955, 0.2980, 0.3034

Tritanomaly

52.0713, 0.2860, 0.3100

Monochromacy



Original Color

52.0713, 0.2860, 0.3100

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.3144, 0.3026, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0713, 0.2860, 0.3100 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(173, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(173, 194, 209)  
}
```

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(173, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 194, 209) }
```

Border

The CSS property to change the border of an element to Yxy 52.0713, 0.2860, 0.3100 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(173, 194, 209) }
```

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

```
.border{ border-color:rgb(173, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(173, 194,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0713, 0.2860, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 194, 209) }
```

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

```
.background{ background-color: rgb(173,  
194, 209) }
```

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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