

Converting Colors

$Yxy(52.5985, 0.2934, 0.3175)$

Have a look what the booklet for
Yxy(52.5985, 0.2934, 0.3175)
contains.

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Color

Yxy(52.4082, 0.2931, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	B2C2CC
RGB	178, 194, 204
RGB Percent	70%, 76%, 80%
CMY	0.3020, 0.2392, 0.2000
CMYK	0.13, 0.05, 0.00, 0.20
HSL	203°, 20%, 75%
HSV	203°, 13%, 80%
XYZ	48.5488, 52.4082, 64.6821
YIQ	190.3560, -12.7460, -0.2820

Conversions

Conversions Part 2

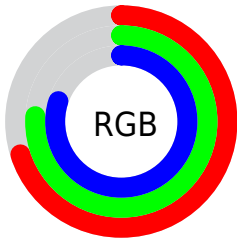
Format	Color
R _Y B	178, 188, 204
Decimal	11715276
CIE Lab	77.52, -3.44, -6.88
CIE LCh	78, 7.690, 243.443
Yxy	52.4082, 0.2931, 0.3164
Android (android.graphics.Color)	4289905356 (0xFFB2C2CC)
YUV	190.3560, 6.7265, -10.8362
Hunter-Lab	72.3935, -6.9823, -2.2989

Details

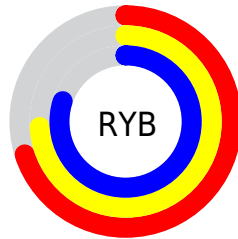
The Yxy color `52.4082, 0.2931, 0.3164` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `52.0098, 0.3341, 0.3413`, and the grayscale version is `51.6746, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.0836, 0.2999, 0.3240`, and `25.3181, 0.2876, 0.3119` is the 20% darker color. If you saturate the color by 10%, you get `46.7771, 0.2775, 0.3053`, and if you desaturate by 10%, it is `58.5865, 0.3085, 0.3264`.

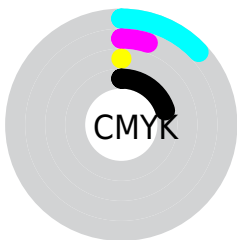
Distribution



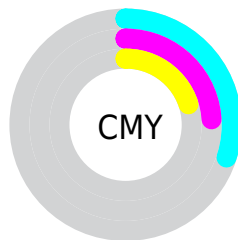
- Red (70%)
- Green (76%)
- Blue (80%)



- Red (70%)
- Yellow (74%)
- Blue (80%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (30%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4082, 0.2931, 0.3164 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 52.4082, 0.2931, 0.3164 by changing the saturation by 10% instead.

■ 52.4082, 0.2931,
0.3164

■ 52.4082, 0.2931,
0.3164

396.0105, 0.3027,
0.3226

■ 37.3305, 0.2908,
0.3149

■ 93.7330, 0.2965,
0.3186

■ 25.4635, 0.2878,
0.3129

120.7489, 0.2978,
0.3195

■ 16.4227, 0.2840,
0.3103

152.5130, 0.2989,
0.3202

■ 9.8238, 0.2788,
0.3068

189.4097, 0.2999,
0.3208

■ 5.2823, 0.2712,
0.3016

231.8234, 0.3007,
0.3214

■ 2.4138, 0.2593,
0.2933

280.1385, 0.3014,

■ 0.8330, 0.2364,

0.3218

0.2782

334.7394, 0.3021,
0.3223

0.0000, 0.0000,
0.0000

52.4082, 0.2931,
0.3164

52.4082, 0.2931,
0.3164

46.7771, 0.2775,
0.3053

58.5865, 0.3085,
0.3264

41.6680, 0.2620,
0.2932

65.3229, 0.3236,
0.3354

37.0634, 0.2470,
0.2802

72.6364, 0.3381,
0.3434

32.9417, 0.2328,
0.2663

79.6618, 0.3485,
0.3507

29.2799, 0.2199,
0.2518

84.0056, 0.3470,
0.3584

■ 26.0521, 0.2087,
0.2370

■ 88.5465, 0.3455,
0.3660

■ 23.2292, 0.1994,
0.2221

■ 93.2871, 0.3441,
0.3734

■ 20.7765, 0.1922,
0.2075

■ 97.1396, 0.3430,
0.3790

■ 19.1873, 0.1881,
0.1971

Harmonies

Analogous

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



52.4082, 0.2938, 0.3244



52.4082, 0.2931, 0.3164



52.4082, 0.2975, 0.3120

Triad

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



52.4082, 0.2931, 0.3164



52.4082, 0.3260, 0.3241



52.4082, 0.3192, 0.3466

Complementary

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



52.4082, 0.2931, 0.3164



52.0098, 0.3341, 0.3413

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.



52.4082, 0.3280, 0.3463



52.4082, 0.2931, 0.3164



52.4082, 0.3320, 0.3331

Square

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



52.4082, 0.2931, 0.3164



52.4082, 0.3164, 0.3165



52.4082, 0.3327, 0.3413



52.4082, 0.3088, 0.3421

Rectangle

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



52.4082, 0.2931, 0.3164



52.4082, 0.3029, 0.3115



52.4082, 0.3327, 0.3413



52.4082, 0.3224, 0.3471

Sweetspot

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



52.4104, 0.2931, 0.3164



95.6419, 0.3065, 0.3252



56.2781, 0.3042, 0.3493



20.2995, 0.3054, 0.3244



0.0000, 0.0000, 0.0000



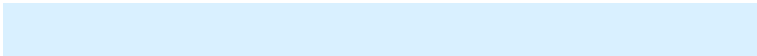
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4104, 0.2931, 0.3164



84.4340, 0.2893, 0.3138



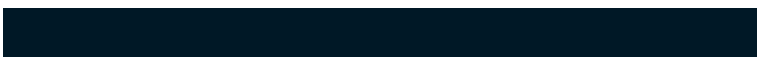
46.8813, 0.2927, 0.2997



11.9750, 0.2983, 0.3199



12.2618, 0.1886, 0.1991



0.7767, 0.1965, 0.2273

Inverse Universe

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



48.5696, 0.3223, 0.3096



77.0664, 0.3244, 0.3057



57.8078, 0.3321, 0.3567



11.3279, 0.3195, 0.3148



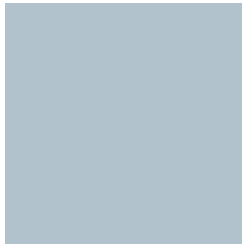
9.0408, 0.4463, 0.2232



0.4810, 0.4155, 0.2063

Previews

White Background



This preview shows how the Yxy color 52.4082, 0.2931, 0.3164 looks on a white background.

Color Contrast Check

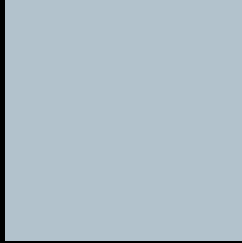
Large Text (above 18pt) WCAG AA × Fail

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 52.4082, 0.2931, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

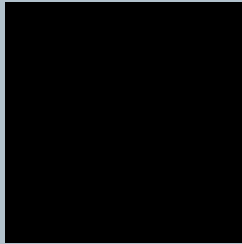
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

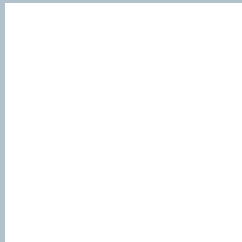
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4082, 0.2931, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 52.4082, 0.2931, 0.3164.



This preview shows how white text looks on a background with the Yxy color 52.4082, 0.2931, 0.3164.

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

52.4082, 0.2931, 0.3164

Protanopia

52.2976, 0.3054, 0.3143

Deuteranopia

52.2706, 0.3114, 0.3052



Tritanopia

52.3271, 0.2904, 0.3090

Trichromacy



Original Color

52.4082, 0.2931, 0.3164

Protanomaly

52.1382, 0.3007, 0.3141

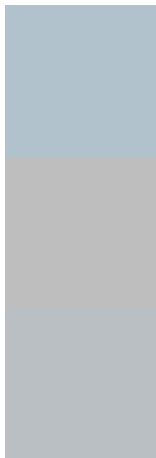
Deuteranomaly

52.2723, 0.3048, 0.3095

Tritanomaly

52.2286, 0.2918, 0.3115

Monochromacy



Original Color

52.4082, 0.2931, 0.3164

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6408, 0.3057, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4082, 0.2931, 0.3164 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(178, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 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(178, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.4082, 0.2931, 0.3164 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(178, 194, 204) }
```

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

```
.border{ border-color:rgb(178, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4082, 0.2931, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 204) }
```

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

```
.background{ background-color: rgb(178,  
194, 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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