

Converting Colors

$Yxy(52.1074, 0.3002, 0.3277)$

Have a look what the booklet for
Yxy(52.1074, 0.3002, 0.3277)
contains.

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Color

Yxy(52.1074, 0.3002, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	B3C2C3
RGB	179, 194, 195
RGB Percent	70%, 76%, 76%
CMY	0.2980, 0.2392, 0.2353
CMYK	0.08, 0.01, 0.00, 0.24
HSL	184°, 12%, 73%
HSV	184°, 8%, 76%
XYZ	47.7346, 52.1074, 59.1674
YIQ	189.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

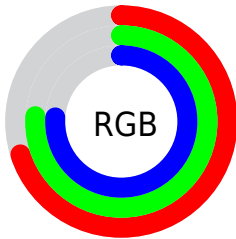
Format	Color
RYB	179, 187, 195
Decimal	11780803
CIELab	77.35, -4.91, -2.27
CIElCh	77, 5.410, 204.773
Yxy	52.1074, 0.3002, 0.3277
Android (android.graphics.Color)	4289970883 (0xFFB3C2C3)
YUV	189.6290, 2.6479, -9.3216
Hunter-Lab	72.1855, -8.2865, 1.9323

Details

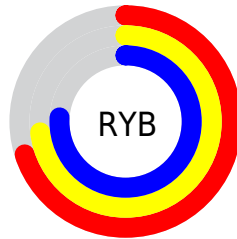
The Yxy color $52.1074, 0.3002, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $47.5038, 0.3266, 0.3303$, and the grayscale version is $51.2590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.0617, 0.3022, 0.3270$, and $25.1149, 0.2969, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $49.4102, 0.2855, 0.3260$, and if you desaturate by 10%, it is $55.1419, 0.3155, 0.3293$.

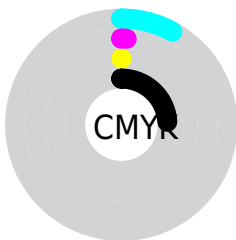
Distribution



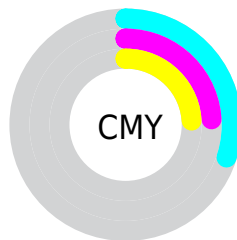
- Red (70%)
- Green (76%)
- Blue (76%)



- Red (70%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1074, 0.3002, 0.3277 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 52.1074, 0.3002, 0.3277 by changing the saturation by 10% instead.

■ 52.1074, 0.3002,
0.3277

■ 52.1074, 0.3002,
0.3277

394.8511, 0.3063,
0.3284

■ 37.0907, 0.2987,
0.3275

■ 93.2896, 0.3024,
0.3279

■ 25.2777, 0.2968,
0.3273

120.2239, 0.3032,
0.3280

■ 16.2841, 0.2943,
0.3270

151.8995, 0.3039,
0.3281

■ 9.7254, 0.2909,
0.3266

188.7008, 0.3046,
0.3282

■ 5.2173, 0.2860,
0.3259

231.0122, 0.3051,
0.3282

■ 2.3753, 0.2781,
0.3248

279.2182, 0.3055,

■ 0.8131, 0.2599,

0.3283

0.3237

333.7030, 0.3060,
0.3283

0.0000, 0.0000,
0.0000

52.1074, 0.3002,
0.3277

52.1074, 0.3002,
0.3277

49.4102, 0.2855,
0.3260

55.1419, 0.3155,
0.3293

47.0301, 0.2717,
0.3242

58.5202, 0.3312,
0.3307

44.9545, 0.2592,
0.3222

62.2565, 0.3469,
0.3320

43.1676, 0.2481,
0.3202

65.9783, 0.3609,
0.3331

41.6521, 0.2387,
0.3181

66.5380, 0.3606,
0.3344

■ 40.3888, 0.2312,
0.3160

■ 67.1022, 0.3603,
0.3356

■ 39.3559, 0.2256,
0.3139

■ 67.6708, 0.3601,
0.3369

■ 38.5280, 0.2218,
0.3118

■ 68.2439, 0.3598,
0.3381

■ 37.8655, 0.2196,
0.3098

■ 68.8216, 0.3595,
0.3394

Harmonies

Analogous

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



52.1074, 0.3051, 0.3343



52.1074, 0.3002, 0.3277



52.1074, 0.2986, 0.3216

Triad

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



52.1074, 0.3002, 0.3277



52.1074, 0.3132, 0.3189



52.1074, 0.3248, 0.3405

Complementary

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



52.1074, 0.3002, 0.3277



47.5038, 0.3266, 0.3303

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.



52.1074, 0.3271, 0.3362



52.1074, 0.3002, 0.3277



52.1074, 0.3203, 0.3238

Square

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



52.1074, 0.3002, 0.3277



52.1074, 0.3061, 0.3166



52.1074, 0.3254, 0.3301



52.1074, 0.3193, 0.3417

Rectangle

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



52.1074, 0.3002, 0.3277



52.1074, 0.2996, 0.3186



52.1074, 0.3254, 0.3301



52.1074, 0.3260, 0.3393

Sweetspot

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



52.1096, 0.3002, 0.3277



96.6103, 0.3096, 0.3287



51.9013, 0.3112, 0.3486



21.1687, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



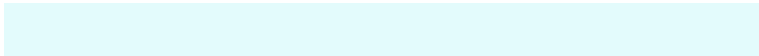
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1096, 0.3002, 0.3277



92.3405, 0.2973, 0.3274



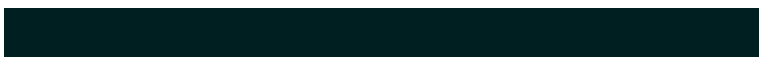
48.7309, 0.3002, 0.3177



11.3177, 0.2984, 0.3275



24.5847, 0.2194, 0.3097



1.0952, 0.2206, 0.3143

Inverse Universe

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



47.7437, 0.3144, 0.3104



82.7874, 0.3149, 0.3059



50.7398, 0.3256, 0.3400



10.2364, 0.3147, 0.3077



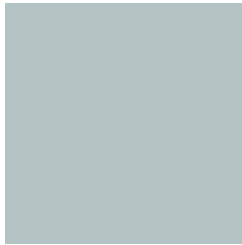
9.7641, 0.3370, 0.1630



0.4252, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 52.1074, 0.3002, 0.3277 looks on a white background.

Color Contrast Check

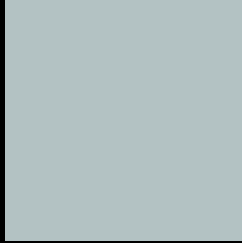
Large Text (above 18pt) WCAG AA × Fail

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 52.1074, 0.3002, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

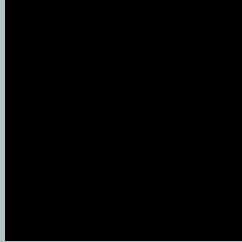
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

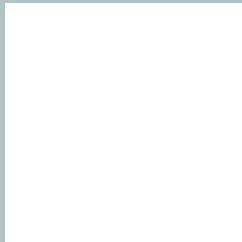
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1074, 0.3002, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 52.1074, 0.3002, 0.3277.



This preview shows how white text looks on a background with the Yxy color 52.1074, 0.3002, 0.3277.

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

52.1074, 0.3002, 0.3277

Protanopia

52.1465, 0.3137, 0.3253

Deuteranopia

51.9945, 0.3218, 0.3147



Tritanopia

52.0280, 0.2932, 0.3103

Trichromacy



Original Color

52.1074, 0.3002, 0.3277

Protanomaly

51.9755, 0.3089, 0.3253

Deuteranomaly

51.8223, 0.3140, 0.3192

Tritanomaly

52.1550, 0.2953, 0.3164

Monochromacy



Original Color

52.1074, 0.3002, 0.3277

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5065, 0.3079, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1074, 0.3002, 0.3277 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(179, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(179, 194, 195)  
}
```

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(179, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 194, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.1074, 0.3002, 0.3277 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(179, 194, 195) }
```

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

```
.border{ border-color:rgb(179, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(179, 194,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1074, 0.3002, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 194, 195) }
```

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

```
.background{ background-color: rgb(179,  
194, 195) }
```

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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