

Converting Colors

$Y_{xy}(52.9117, 0.3053, 0.3270)$

Have a look what the booklet for
Yxy(52.9117, 0.3053, 0.3270)
contains.

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Color

Yxy(52.9628, 0.3056, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	BAC2C3
RGB	186, 194, 195
RGB Percent	73%, 76%, 76%
CMY	0.2707, 0.2392, 0.2352
CMYK	0.05, 0.01, 0.00, 0.24
HSL	187°, 7%, 75%
HSV	187°, 5%, 76%
XYZ	49.3910, 52.9628, 59.2660
YIQ	191.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

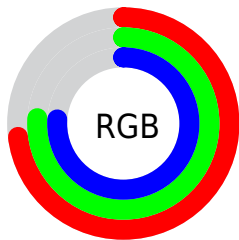
Format	Color
R _Y B	186, 190, 195
Decimal	12239555
CIE Lab	77.85, -2.56, -1.48
CIE LCh	78, 2.955, 210.087
Yxy	52.9628, 0.3056, 0.3277
Android (android.graphics.Color)	4290429635 (0xFFBAC2C3)
YUV	191.7220, 1.6161, -5.0182
Hunter-Lab	72.7755, -6.2136, 2.6591

Details

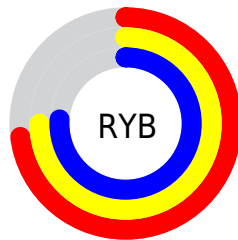
The Yxy color **52.9628, 0.3056, 0.3277** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6934, 0.3202, 0.3303**, and the grayscale version is **52.5349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2767, 0.3066, 0.3270**, and **25.6658, 0.3042, 0.3273** is the 20% darker color. If you saturate the color by 10%, you get **49.7131, 0.2906, 0.3247**, and if you desaturate by 10%, it is **56.5650, 0.3210, 0.3304**.

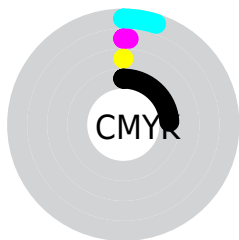
Distribution



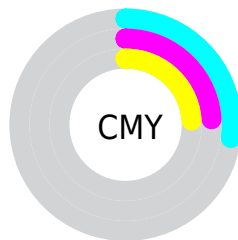
- Red (73%)
- Green (76%)
- Blue (76%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9628, 0.3056, 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 52.9628, 0.3056, 0.3277 by changing the saturation by 10% instead.

■ 52.9628, 0.3056,
0.3277

■ 52.9628, 0.3056,
0.3277

398.1424, 0.3091,
0.3284

■ 37.7731, 0.3048,
0.3275

■ 94.5496, 0.3068,
0.3279

■ 25.8066, 0.3037,
0.3273

121.7155, 0.3073,
0.3280

■ 16.6790, 0.3023,
0.3271

153.6423, 0.3077,
0.3281

■ 10.0059, 0.3003,
0.3267

190.7142, 0.3081,
0.3282

■ 5.4029, 0.2975,
0.3261

233.3158, 0.3084,
0.3282

■ 2.4855, 0.2931,
0.3252

281.8315, 0.3086,

■ 0.8694, 0.2844,

0.3283

336.6455, 0.3089,
0.3283

0.3237

0.0000, 0.0000,
0.0000

52.9628, 0.3056,
0.3277

52.9628, 0.3056,
0.3277

49.7131, 0.2906,
0.3247

56.5650, 0.3210,
0.3304

46.7955, 0.2762,
0.3215

60.5255, 0.3365,
0.3329

44.1981, 0.2628,
0.3180

64.8588, 0.3520,
0.3351

41.9052, 0.2507,
0.3144

67.8302, 0.3599,
0.3372

39.9001, 0.2401,
0.3106

68.8776, 0.3594,
0.3395

■ 38.1643, 0.2313,
0.3067

■ 69.9398, 0.3589,
0.3417

■ 36.6769, 0.2243,
0.3027

■ 71.0170, 0.3584,
0.3440

■ 35.4139, 0.2193,
0.2988

■ 72.1091, 0.3579,
0.3462

■ 34.3462, 0.2160,
0.2949

■ 73.2163, 0.3574,
0.3484

Harmonies

Analogous

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



52.9628, 0.3080, 0.3313



52.9628, 0.3056, 0.3277



52.9628, 0.3051, 0.3245

Triad

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



52.9628, 0.3056, 0.3277



52.9628, 0.3137, 0.3239



52.9628, 0.3189, 0.3355

Complementary

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



52.9628, 0.3056, 0.3277



50.6934, 0.3202, 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.



52.9628, 0.3204, 0.3335



52.9628, 0.3056, 0.3277



52.9628, 0.3174, 0.3268

Square

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



52.9628, 0.3056, 0.3277



52.9628, 0.3098, 0.3223



52.9628, 0.3199, 0.3303



52.9628, 0.3157, 0.3358

Rectangle

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



52.9628, 0.3056, 0.3277



52.9628, 0.3059, 0.3230



52.9628, 0.3199, 0.3303



52.9628, 0.3196, 0.3350

Sweetspot

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



52.9651, 0.3056, 0.3277



97.0914, 0.3112, 0.3287



53.0634, 0.3115, 0.3393



21.2690, 0.3112, 0.3287



0.0000, 0.0000, 0.0000



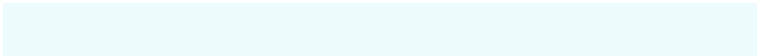
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9651, 0.3056, 0.3277



93.9444, 0.3034, 0.3273



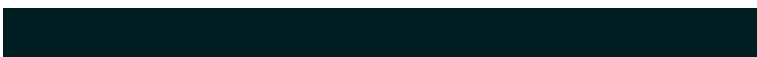
51.0329, 0.3057, 0.3222



11.4308, 0.3027, 0.3272



22.0539, 0.2148, 0.2934



1.0093, 0.2172, 0.3020

Inverse Universe

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



50.6120, 0.3140, 0.3191



88.4721, 0.3145, 0.3160



52.5915, 0.3198, 0.3357



10.7150, 0.3146, 0.3150



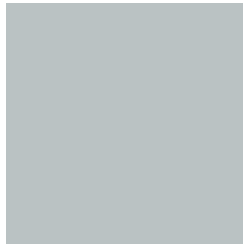
9.5086, 0.3513, 0.1709



0.4165, 0.3436, 0.1667

Previews

White Background



This preview shows how the Yxy color 52.9628, 0.3056, 0.3277 looks on a white background.

Color Contrast Check

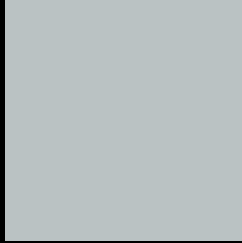
Large Text (above 18pt) WCAG AA × Fail

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 52.9628, 0.3056, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

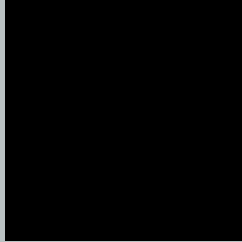
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

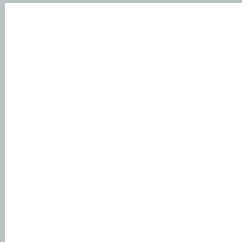
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9628, 0.3056, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 52.9628, 0.3056, 0.3277.

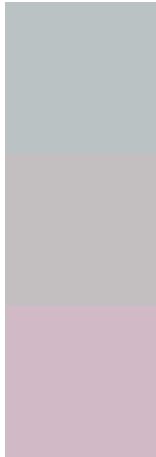


This preview shows how white text looks on a background with the Yxy color 52.9628, 0.3056, 0.3277.

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

52.9628, 0.3056, 0.3277

Protanopia

52.7140, 0.3145, 0.3265

Deuteranopia

52.7043, 0.3234, 0.3160



Tritanopia

52.8956, 0.2986, 0.3106

Trichromacy



Original Color

52.9628, 0.3056, 0.3277

Protanomaly

52.8008, 0.3112, 0.3265

Deuteranomaly

52.7982, 0.3172, 0.3206

Tritanomaly

53.0165, 0.3007, 0.3166

Monochromacy



Original Color

52.9628, 0.3056, 0.3277

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9373, 0.3103, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9628, 0.3056, 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(186, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 194, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.9628, 0.3056, 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(186, 194, 195) }
```

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

```
.border{ border-color:rgb(186, 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(186, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 194, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 194, 195); box-shadow:4px 4px 4px 4px rgb(186, 194, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9628, 0.3056, 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(186, 194, 195) }
```

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

```
.background{ background-color: rgb(186,  
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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