

Converting Colors

$Yxy(54.0558, 0.3052, 0.3302)$

Have a look what the booklet for
Yxy(54.0558, 0.3052, 0.3302)
contains.

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Color

Yxy(53.8591, 0.3056, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	BAC4C3
RGB	186, 196, 195
RGB Percent	73%, 77%, 76%
CMY	0.2705, 0.2314, 0.2352
CMYK	0.05, 0.00, 0.01, 0.23
HSL	174°, 8%, 75%
HSV	174°, 5%, 77%
XYZ	49.8466, 53.8591, 59.4049
YIQ	192.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

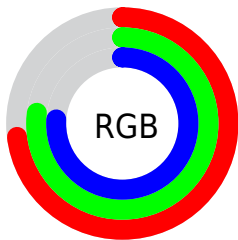
Format	Color
R _Y B	186, 191, 196
Decimal	12240067
CIE Lab	78.38, -3.59, -0.70
CIE LCh	78, 3.662, 191.040
Yxy	53.8591, 0.3056, 0.3302
Android (android.graphics.Color)	4290430147 (0xFFBAC4C3)
YUV	192.8960, 1.0373, -6.0478
Hunter-Lab	73.3888, -7.1909, 3.3796

Details

The Yxy color **53.8591, 0.3056, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4552, 0.3203, 0.3278**, and the grayscale version is **53.2647, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1561, 0.3065, 0.3300**, and **26.2556, 0.3042, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **51.4852, 0.2921, 0.3327**, and if you desaturate by 10%, it is **56.5754, 0.3197, 0.3279**.

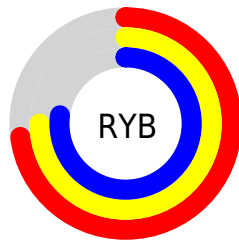
Distribution



Red (73%)

Green (77%)

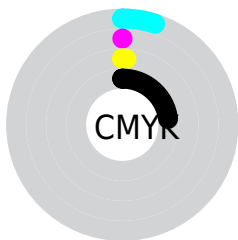
Blue (76%)



Red (73%)

Yellow (75%)

Blue (77%)

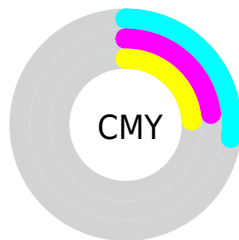


Cyan (5%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (27%)


Magenta (23%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8591, 0.3056, 0.3302 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 53.8591, 0.3056, 0.3302 by changing the saturation by 10% instead.

 53.8591, 0.3056,
0.3302

 53.8591, 0.3056,
0.3302

401.5725, 0.3091,
0.3296

 38.4890, 0.3048,
0.3303


 95.8673, 0.3068,
0.3300

 26.3625, 0.3037,
0.3305


123.2743, 0.3073,
0.3299

 17.0950, 0.3023,
0.3307


155.4623, 0.3077,
0.3299

 10.3022, 0.3004,
0.3310

192.8158, 0.3081,
0.3298

 5.5998, 0.2976,
0.3315

235.7192, 0.3084,
0.3297

 2.6033, 0.2933,
0.3321

284.5568, 0.3086,


 0.9283, 0.2851,


0.3297


0.3334

339.7131, 0.3089,
0.3297


 0.0000, 0.0000,
0.0000


 53.8591, 0.3056,
0.3302


 53.8591, 0.3056,
0.3302


 51.4852, 0.2921,
0.3327


 56.5754, 0.3197,
0.3279

 49.4332, 0.2794,
0.3355


 59.6402, 0.3341,
0.3258

 47.6909, 0.2678,
0.3385

 63.0678, 0.3486,
0.3240

 46.2427, 0.2576,
0.3416

 65.0371, 0.3553,
0.3222

 45.0714, 0.2491,
0.3448

 65.1297, 0.3537,
0.3202

■ 44.1583, 0.2424,
0.3482

■ 65.2235, 0.3522,
0.3182

■ 43.4824, 0.2376,
0.3515

■ 65.3184, 0.3506,
0.3162

■ 43.0191, 0.2347,
0.3549

■ 65.4144, 0.3491,
0.3142

■ 42.7386, 0.2335,
0.3583

■ 65.5117, 0.3476,
0.3123

Harmonies

Analogous

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



53.8591, 0.3097, 0.3343



53.8591, 0.3056, 0.3302



53.8591, 0.3034, 0.3258

Triad

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



53.8591, 0.3056, 0.3302



53.8591, 0.3108, 0.3213



53.8591, 0.3218, 0.3356

Complementary

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



53.8591, 0.3056, 0.3302



50.4552, 0.3203, 0.3278

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.



53.8591, 0.3221, 0.3321



53.8591, 0.3056, 0.3302



53.8591, 0.3157, 0.3239

Square

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



53.8591, 0.3056, 0.3302



53.8591, 0.3064, 0.3207



53.8591, 0.3199, 0.3278



53.8591, 0.3190, 0.3374

Rectangle

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



53.8591, 0.3056, 0.3302



53.8591, 0.3033, 0.3234



53.8591, 0.3199, 0.3278



53.8591, 0.3222, 0.3346

Sweetspot

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



53.8614, 0.3056, 0.3302



99.0132, 0.3099, 0.3295



53.5925, 0.3129, 0.3415



21.2032, 0.3100, 0.3295



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.



53.8614, 0.3056, 0.3302



97.1160, 0.3042, 0.3305



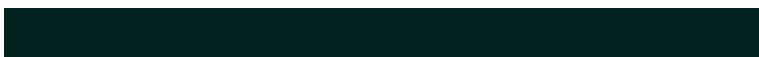
52.1321, 0.3050, 0.3240



11.5592, 0.3036, 0.3306



27.4059, 0.2332, 0.3594



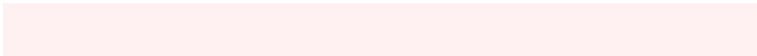
1.1892, 0.2311, 0.3520

Inverse Universe

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



50.4552, 0.3203, 0.3278



89.7671, 0.3219, 0.3276



52.1161, 0.3207, 0.3340



10.6196, 0.3227, 0.3274



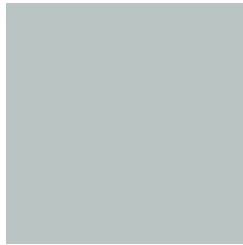
7.5777, 0.6272, 0.3229



0.3330, 0.5872, 0.3008

Previews

White Background



This preview shows how the Yxy color 53.8591, 0.3056, 0.3302 looks on a white background.

Color Contrast Check

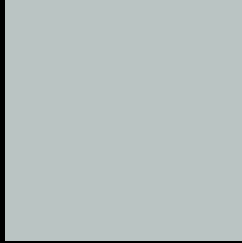
Large Text (above 18pt) WCAG AA × Fail

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 53.8591, 0.3056, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

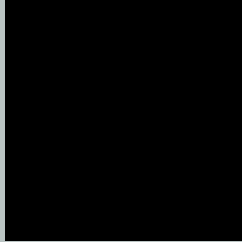
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

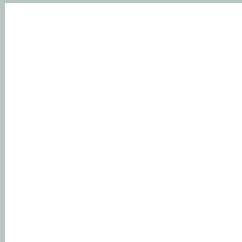
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8591, 0.3056, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.8591, 0.3056, 0.3302.

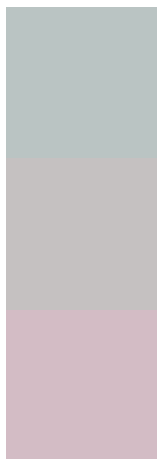


This preview shows how white text looks on a background with the Yxy color 53.8591, 0.3056, 0.3302.

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

53.8591, 0.3056, 0.3302

Protanopia

53.8605, 0.3159, 0.3290

Deuteranopia

53.8465, 0.3248, 0.3184



Tritanopia

53.8784, 0.2972, 0.3107

Trichromacy



Original Color

53.8591, 0.3056, 0.3302

Protanomaly

53.8161, 0.3119, 0.3290

Deuteranomaly

53.8037, 0.3179, 0.3230

Tritanomaly

53.9546, 0.3000, 0.3179

Monochromacy



Original Color

53.8591, 0.3056, 0.3302

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4258, 0.3095, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8591, 0.3056, 0.3302 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, 196, 195)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 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, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 195) }
```

Border

The CSS property to change the border of an element to Yxy 53.8591, 0.3056, 0.3302 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, 196, 195) }
```

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

```
.border{ border-color:rgb(186, 196, 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, 196, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8591, 0.3056, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 195) }
```

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

```
.background{ background-color: rgb(186,  
196, 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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