

Converting Colors

Yxy(53.0672, 0.3054, 0.3300)

Have a look what the booklet for
Yxy(53.0672, 0.3054, 0.3300)
contains.

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Color

Yxy(53.2395, 0.3055, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	B9C3C2
RGB	185, 195, 194
RGB Percent	73%, 76%, 76%
CMY	0.2746, 0.2353, 0.2391
CMYK	0.05, 0.00, 0.01, 0.24
HSL	174°, 8%, 75%
HSV	174°, 5%, 76%
XYZ	49.2570, 53.2395, 58.7376
YIQ	191.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

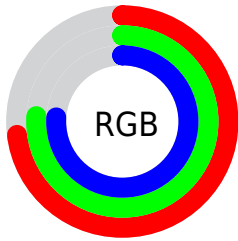
Format	Color
RYB	185, 190, 195
Decimal	12174274
CIELab	78.02, -3.62, -0.71
CIELCh	78, 3.694, 191.137
Yxy	53.2395, 0.3055, 0.3302
Android (android.graphics.Color)	4290364354 (0xFFB9C3C2)
YUV	191.8960, 1.0373, -6.0478
Hunter-Lab	72.9654, -7.1888, 3.3470

Details

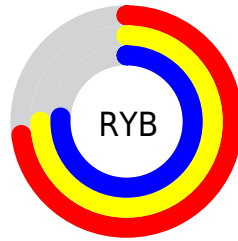
The Yxy color **53.2395, 0.3055, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8307, 0.3204, 0.3278**, and the grayscale version is **52.6441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2237, 0.3070, 0.3309**, and **25.8487, 0.3041, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **50.8962, 0.2920, 0.3327**, and if you desaturate by 10%, it is **55.9211, 0.3196, 0.3279**.

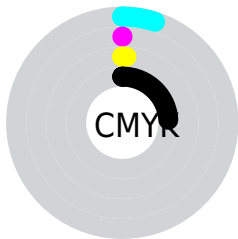
Distribution



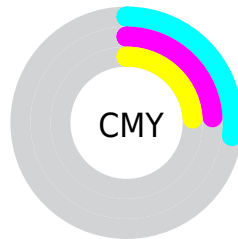
- Red (73%)
- Green (76%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2395, 0.3055, 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 53.2395, 0.3055, 0.3302 by changing the saturation by 10% instead.

■ 53.2395, 0.3055,
0.3302

■ 53.2395, 0.3055,
0.3302

■ 399.2033, 0.3090,
0.3296

■ 37.9940, 0.3046,
0.3303

■ 94.9567, 0.3068,
0.3300

■ 25.9780, 0.3036,
0.3305

■ 122.1972, 0.3072,
0.3299

■ 16.8072, 0.3021,
0.3307

■ 154.2048, 0.3077,
0.3299

■ 10.0971, 0.3002,
0.3310

■ 191.3639, 0.3080,
0.3298

■ 5.4634, 0.2973,
0.3315

■ 234.0589, 0.3083,
0.3297

■ 2.5216, 0.2929,
0.3321

■ 282.6742, 0.3086,

■ 0.8874, 0.2839,

0.3297

0.3337

337.5942, 0.3088,
0.3297

0.0000, 0.0000,
0.0000

53.2395, 0.3055,
0.3302

53.2395, 0.3055,
0.3302

50.8962, 0.2920,
0.3327

55.9211, 0.3196,
0.3279

48.8708, 0.2793,
0.3354

58.9468, 0.3340,
0.3259

47.1514, 0.2677,
0.3383

62.3310, 0.3485,
0.3241

45.7223, 0.2575,
0.3414

64.5417, 0.3564,
0.3223

44.5669, 0.2490,
0.3446

64.6319, 0.3549,
0.3203

■ 43.6665, 0.2423,
0.3479

■ 64.7233, 0.3533,
0.3184

■ 43.0002, 0.2375,
0.3513

■ 64.8159, 0.3518,
0.3164

■ 42.5439, 0.2346,
0.3546

■ 64.9095, 0.3503,
0.3145

■ 42.2681, 0.2334,
0.3579

■ 65.0042, 0.3488,
0.3126

Harmonies

Analogous

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



53.2395, 0.3096, 0.3343



53.2395, 0.3055, 0.3302



53.2395, 0.3033, 0.3258

Triad

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



53.2395, 0.3055, 0.3302



53.2395, 0.3108, 0.3212



53.2395, 0.3219, 0.3357

Complementary

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



53.2395, 0.3055, 0.3302



49.8307, 0.3204, 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.



53.2395, 0.3222, 0.3321



53.2395, 0.3055, 0.3302



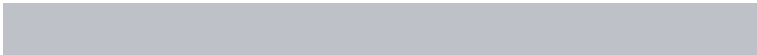
53.2395, 0.3158, 0.3238

Square

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



53.2395, 0.3055, 0.3302



53.2395, 0.3063, 0.3206



53.2395, 0.3200, 0.3278



53.2395, 0.3191, 0.3375

Rectangle

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



53.2395, 0.3055, 0.3302



53.2395, 0.3032, 0.3233



53.2395, 0.3200, 0.3278



53.2395, 0.3223, 0.3347

Sweetspot

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



53.2418, 0.3055, 0.3302



96.7766, 0.3099, 0.3295



52.9720, 0.3129, 0.3417



21.2033, 0.3100, 0.3294



0.0000, 0.0000, 0.0000



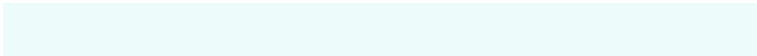
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2418, 0.3055, 0.3302



94.9240, 0.3042, 0.3304



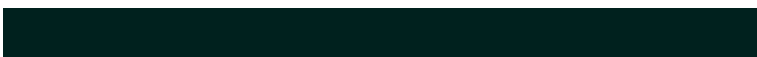
51.5096, 0.3049, 0.3239



11.5594, 0.3036, 0.3305



27.4122, 0.2331, 0.3590



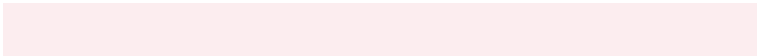
1.1894, 0.2310, 0.3517

Inverse Universe

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



49.8307, 0.3204, 0.3278



87.7424, 0.3219, 0.3276



51.4936, 0.3208, 0.3340



10.6195, 0.3227, 0.3275



7.5771, 0.6274, 0.3230



0.3329, 0.5878, 0.3012

Previews

White Background



This preview shows how the Yxy color 53.2395, 0.3055, 0.3302 looks on a white background.

Color Contrast Check

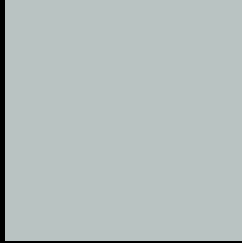
Large Text (above 18pt) WCAG AA × Fail

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 53.2395, 0.3055, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

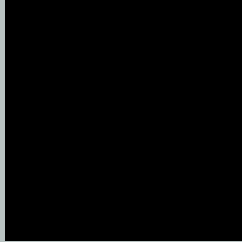
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

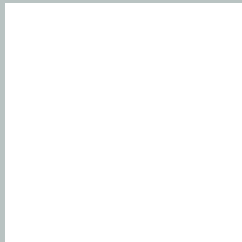
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2395, 0.3055, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 53.2395, 0.3055, 0.3302.



This preview shows how white text looks on a background with the Yxy color 53.2395, 0.3055, 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

53.2395, 0.3055, 0.3302

Protanopia

53.2408, 0.3160, 0.3290

Deuteranopia

53.2278, 0.3249, 0.3184



Tritanopia

53.2588, 0.2971, 0.3106

Trichromacy



Original Color

53.2395, 0.3055, 0.3302

Protanomaly

53.1967, 0.3119, 0.3290

Deuteranomaly

53.1845, 0.3179, 0.3230

Tritanomaly

53.3345, 0.2999, 0.3178

Monochromacy



Original Color

53.2395, 0.3055, 0.3302

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8090, 0.3095, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2395, 0.3055, 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(185, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(185, 195, 194)  
}
```

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(185, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 195, 194) }
```

Border

The CSS property to change the border of an element to Yxy 53.2395, 0.3055, 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(185, 195, 194) }
```

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

```
.border{ border-color:rgb(185, 195, 194) }
```

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

Here you see how a box with a 4 pixel rgb(185, 195, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(185, 195,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2395, 0.3055, 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(185, 195, 194) }
```

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

```
.background{ background-color: rgb(185,  
195, 194) }
```

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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