

Converting Colors

Yxy(53.6228, 0.3163, 0.3233)

Have a look what the booklet for
Yxy(53.6228, 0.3163, 0.3233)
contains.

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Color

Yxy(53.5265, 0.3163, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	C8BFC4
RGB	200, 191, 196
RGB Percent	78%, 75%, 77%
CMY	0.2156, 0.2510, 0.2315
CMYK	0.00, 0.05, 0.02, 0.22
HSL	327°, 8%, 77%
HSV	327°, 5%, 78%
XYZ	52.4162, 53.5265, 59.7740
YIQ	194.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

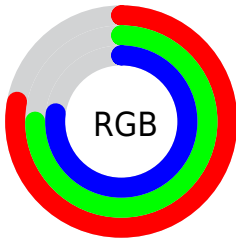
Format	Color
R _Y B	200, 191, 196
Decimal	13156292
CIE Lab	78.18, 4.06, -1.37
CIE LCh	78, 4.284, 341.284
Yxy	53.5265, 0.3163, 0.3230
Android (android.graphics.Color)	4291346372 (0xFFC8BFC4)
YUV	194.2610, 0.8573, 5.0331
Hunter-Lab	73.1618, -0.1482, 2.7727

Details

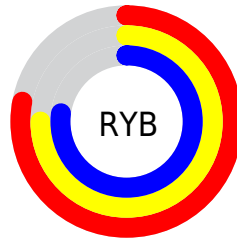
The Yxy color **53.5265, 0.3163, 0.3230** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3403, 0.3093, 0.3351**, and the grayscale version is **54.1066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8734, 0.3143, 0.3233**, and **26.2409, 0.3174, 0.3225** is the 20% darker color. If you saturate the color by 10%, you get **44.9947, 0.3254, 0.3092**, and if you desaturate by 10%, it is **63.2789, 0.3087, 0.3361**.

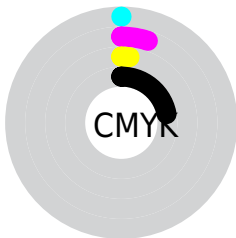
Distribution



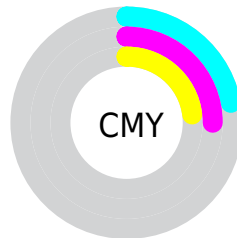
- Red (78%)
- Green (75%)
- Blue (77%)



- Red (78%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5265, 0.3163, 0.3230 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 53.5265, 0.3163, 0.3230 by changing the saturation by 10% instead.

■ 53.5265, 0.3163,
0.3230

■ 53.5265, 0.3163,
0.3230

400.3018, 0.3146,
0.3259

■ 38.2232, 0.3167,
0.3223

■ 95.3787, 0.3157,
0.3240

■ 26.1560, 0.3173,
0.3214

122.6963, 0.3154,
0.3244

■ 16.9404, 0.3180,
0.3202

154.7876, 0.3152,
0.3248

■ 10.1920, 0.3189,
0.3186

192.0369, 0.3151,
0.3251

■ 5.5264, 0.3203,
0.3163

234.8286, 0.3149,
0.3253

■ 2.5593, 0.3224,
0.3127

283.5470, 0.3148,

■ 0.9063, 0.3263,

0.3256

0.3062

338.5766, 0.3147,
0.3258

0.0000, 0.0000,
0.0000

53.5265, 0.3163,
0.3230

53.5265, 0.3163,
0.3230

44.9947, 0.3254,
0.3092

63.2789, 0.3087,
0.3361

37.6282, 0.3362,
0.2947

74.2907, 0.3025,
0.3482

31.3777, 0.3491,
0.2801

86.6075, 0.2973,
0.3594

26.1875, 0.3641,
0.2660

89.6260, 0.2925,
0.3536

21.9974, 0.3814,
0.2531

90.1501, 0.2878,
0.3438

■ 18.7408, 0.4006,
0.2425

■ 90.7007, 0.2831,
0.3342

■ 16.3430, 0.4214,
0.2355

■ 91.0231, 0.2805,
0.3289

■ 14.7177, 0.4429,
0.2332

■ 13.7604, 0.4642,
0.2362

Harmonies

Analogous

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



53.5265, 0.3105, 0.3200



53.5265, 0.3163, 0.3230



53.5265, 0.3212, 0.3276

Triad

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



53.5265, 0.3163, 0.3230



53.5265, 0.3201, 0.3389



53.5265, 0.3018, 0.3252

Complementary

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



53.5265, 0.3163, 0.3230



56.3403, 0.3093, 0.3351

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.



53.5265, 0.3043, 0.3304



53.5265, 0.3163, 0.3230



53.5265, 0.3149, 0.3383

Square

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



53.5265, 0.3163, 0.3230



53.5265, 0.3234, 0.3368



53.5265, 0.3091, 0.3352



53.5265, 0.3022, 0.3212

Rectangle

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



53.5265, 0.3163, 0.3230



53.5265, 0.3232, 0.3310



53.5265, 0.3091, 0.3352



53.5265, 0.3024, 0.3269

Sweetspot

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



53.5288, 0.3163, 0.3230



98.3102, 0.3135, 0.3277



53.0234, 0.3091, 0.3180



21.0602, 0.3135, 0.3277



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.



53.5288, 0.3163, 0.3230



91.7695, 0.3168, 0.3223



53.3329, 0.3196, 0.3283



11.4506, 0.3172, 0.3215



8.5429, 0.4729, 0.2379



0.4190, 0.4328, 0.2158

Inverse Universe

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



53.5288, 0.3163, 0.3230



91.7695, 0.3168, 0.3223



56.5408, 0.3062, 0.3297



11.4506, 0.3172, 0.3215



8.5429, 0.4729, 0.2379



0.4190, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 53.5265, 0.3163, 0.3230 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 53.5265, 0.3163, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

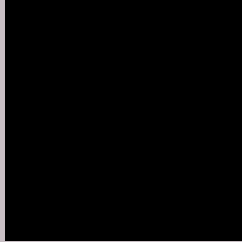
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

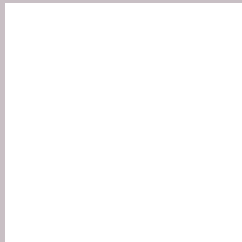
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5265, 0.3163, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 53.5265, 0.3163, 0.3230.



This preview shows how white text looks on a background with the Yxy color 53.5265, 0.3163, 0.3230.

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

53.5265, 0.3163, 0.3230

Protanopia

53.4663, 0.3122, 0.3229

Deuteranopia

53.2735, 0.3241, 0.3172



Tritanopia

53.6522, 0.3103, 0.3111

Trichromacy



Original Color

53.5265, 0.3163, 0.3230

Protanomaly

53.6008, 0.3130, 0.3229

Deuteranomaly

53.1195, 0.3207, 0.3183

Tritanomaly

53.5087, 0.3126, 0.3146

Monochromacy



Original Color

53.5265, 0.3163, 0.3230

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8158, 0.3136, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5265, 0.3163, 0.3230 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(200, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 196)  
}
```

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(200, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.5265, 0.3163, 0.3230 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(200, 191, 196) }
```

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

```
.border{ border-color:rgb(200, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(200, 191,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5265, 0.3163, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 196) }
```

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

```
.background{ background-color: rgb(200,  
191, 196) }
```

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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