

Converting Colors

Yxy(53.8682, 0.3125, 0.3340)

Have a look what the booklet for
Yxy(53.8682, 0.3125, 0.3340)
contains.

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Color

Yxy(53.8682, 0.3125, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3BF
RGB	191, 195, 191
RGB Percent	75%, 76%, 75%
CMY	0.2510, 0.2353, 0.2511
CMYK	0.02, 0.00, 0.02, 0.24
HSL	120°, 3%, 76%
HSV	120°, 2%, 76%
XYZ	50.4006, 53.8682, 57.0132
YIQ	193.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

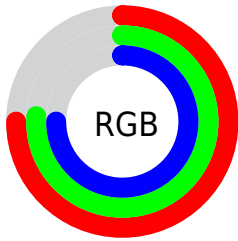
Format	Color
RYB	191, 195, 195
Decimal	12567487
CIELab	78.38, -2.13, 1.53
CIELCh	78, 2.622, 144.271
Yxy	53.8682, 0.3125, 0.3340
Android (android.graphics.Color)	4290757567 (0xFFBFC3BF)
YUV	193.3480, -1.1576, -2.0592
Hunter-Lab	73.3950, -5.8645, 5.3200

Details

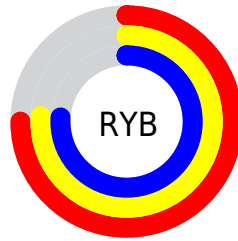
The Yxy color **53.8682, 0.3125, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.7894, 0.3129, 0.3240**, and the grayscale version is **53.5509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1104, 0.3125, 0.3339**, and **26.2880, 0.3125, 0.3340** is the 20% darker color. If you saturate the color by 10%, you get **50.7189, 0.3114, 0.3602**, and if you desaturate by 10%, it is **57.4692, 0.3135, 0.3112**.

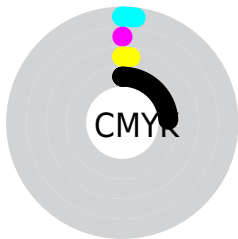
Distribution



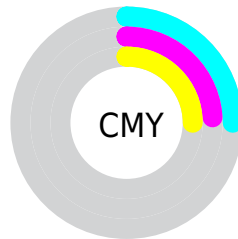
- Red (75%)
- Green (76%)
- Blue (75%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8682, 0.3125, 0.3340 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 53.8682, 0.3125, 0.3340 by changing the saturation by 10% instead.

■ 53.8682, 0.3125,
0.3340

■ 53.8682, 0.3125,
0.3340

401.6072, 0.3126,
0.3316

■ 38.4963, 0.3125,
0.3346

■ 95.8807, 0.3125,
0.3331

■ 26.3681, 0.3124,
0.3353

123.2901, 0.3126,
0.3328

■ 17.0992, 0.3124,
0.3363

155.4808, 0.3126,
0.3325

■ 10.3053, 0.3123,
0.3377

192.8371, 0.3126,
0.3323

■ 5.6018, 0.3122,
0.3397

235.7435, 0.3126,
0.3321

■ 2.6045, 0.3120,
0.3429

284.5844, 0.3126,

■ 0.9289, 0.3118,

0.3319

0.3488

339.7442, 0.3126,
0.3317

0.0000, 0.0000,
0.0000

53.8682, 0.3125,
0.3340

53.8682, 0.3125,
0.3340

50.7189, 0.3114,
0.3602

57.4692, 0.3135,
0.3112

47.9969, 0.3101,
0.3899

61.5315, 0.3143,
0.2915

45.6860, 0.3086,
0.4226

66.0730, 0.3150,
0.2746

43.7661, 0.3070,
0.4576

67.5148, 0.3155,
0.2703

42.2156, 0.3054,
0.4933

■ 41.0109, 0.3038,
0.5273

■ 40.1254, 0.3023,
0.5569

■ 39.5289, 0.3012,
0.5795

■ 39.1852, 0.3004,
0.5937

Harmonies

Analogous

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



53.8682, 0.3159, 0.3351



53.8682, 0.3125, 0.3340



53.8682, 0.3091, 0.3316

Triad

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



53.8682, 0.3125, 0.3340



53.8682, 0.3069, 0.3236



53.8682, 0.3188, 0.3295

Complementary

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



53.8682, 0.3125, 0.3340



52.7894, 0.3129, 0.3240

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.



53.8682, 0.3163, 0.3265



53.8682, 0.3125, 0.3340



53.8682, 0.3095, 0.3230

Square

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



53.8682, 0.3125, 0.3340



53.8682, 0.3059, 0.3255



53.8682, 0.3129, 0.3241



53.8682, 0.3196, 0.3325

Rectangle

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



53.8682, 0.3125, 0.3340



53.8682, 0.3074, 0.3295



53.8682, 0.3129, 0.3241



53.8682, 0.3181, 0.3285

Sweetspot

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



53.8705, 0.3125, 0.3340



97.1142, 0.3126, 0.3314



54.3683, 0.3157, 0.3339



21.2737, 0.3126, 0.3313



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.



53.8705, 0.3125, 0.3340



96.4964, 0.3125, 0.3339



53.9540, 0.3110, 0.3316



11.7879, 0.3125, 0.3335



25.3735, 0.3001, 0.5999



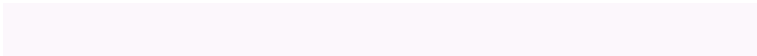
1.0973, 0.3007, 0.5995

Inverse Universe

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



52.7894, 0.3129, 0.3240



94.5980, 0.3129, 0.3241



52.7047, 0.3144, 0.3264



11.5741, 0.3129, 0.3245



10.0063, 0.3195, 0.1534



0.4333, 0.3198, 0.1536

Previews

White Background



This preview shows how the Yxy color 53.8682, 0.3125, 0.3340 looks on a white background.

Color Contrast Check

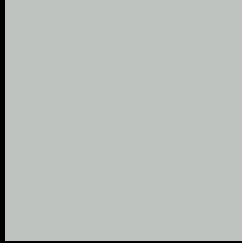
Large Text (above 18pt) WCAG AA × Fail

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 53.8682, 0.3125, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

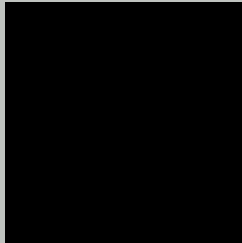
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

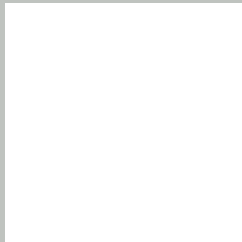
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8682, 0.3125, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 53.8682, 0.3125, 0.3340.



This preview shows how white text looks on a background with the Yxy color 53.8682, 0.3125, 0.3340.

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

53.8682, 0.3125, 0.3340

Protanopia

53.8634, 0.3190, 0.3327

Deuteranopia

53.9183, 0.3305, 0.3243



Tritanopia

53.7227, 0.3025, 0.3097

Trichromacy



Original Color

53.8682, 0.3125, 0.3340

Protanomaly

53.9034, 0.3165, 0.3339

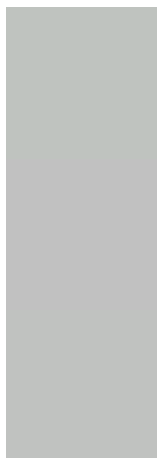
Deuteranomaly

54.0465, 0.3234, 0.3278

Tritanomaly

53.7417, 0.3061, 0.3180

Monochromacy



Original Color

53.8682, 0.3125, 0.3340

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5958, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8682, 0.3125, 0.3340 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(191, 195, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 191)  
}
```

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(191, 195, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 191) }
```

Border

The CSS property to change the border of an element to Yxy 53.8682, 0.3125, 0.3340 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(191, 195, 191) }
```

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

```
.border{ border-color:rgb(191, 195, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 195, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 195, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 195, 191); box-shadow:4px 4px 4px 4px rgb(191, 195, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8682, 0.3125, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 191) }
```

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

```
.background{ background-color: rgb(191,  
195, 191) }
```

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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