

Converting Colors

Yxy(56.6524, 0.3084, 0.3342)

Have a look what the booklet for
Yxy(56.6524, 0.3084, 0.3342)
contains.

Yxy(56.8352, 0.3086, 0.3351)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8352, 0.3086, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	BFC9C4
RGB	191, 201, 196
RGB Percent	75%, 79%, 77%
CMY	0.2509, 0.2118, 0.2314
CMYK	0.05, 0.00, 0.02, 0.21
HSL	150°, 8%, 77%
HSV	150°, 5%, 79%
XYZ	52.3406, 56.8352, 60.4309
YIQ	197.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

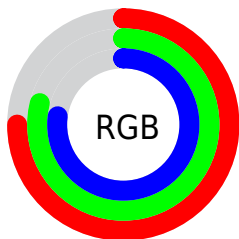
Format	Color
RYB	191, 198, 201
Decimal	12569028
CIELab	80.09, -4.34, 1.31
CIElCh	80, 4.530, 163.233
Yxy	56.8352, 0.3086, 0.3351
Android (android.graphics.Color)	4290759108 (0xFFBFC9C4)
YUV	197.4400, -0.7099, -5.6479
Hunter-Lab	75.3891, -8.0033, 5.2464

Details

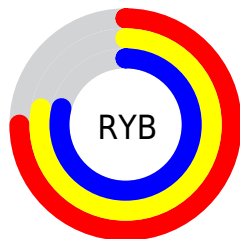
The Yxy color **56.8352, 0.3086, 0.3351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6785, 0.3170, 0.3230**, and the grayscale version is **56.1244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3860, 0.3089, 0.3309**, and **28.2237, 0.3082, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **53.9632, 0.3004, 0.3485**, and if you desaturate by 10%, it is **60.1006, 0.3169, 0.3232**.

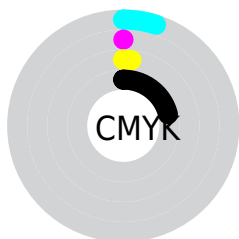
Distribution



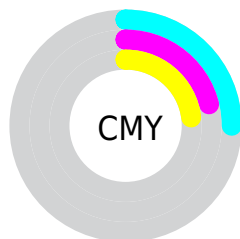
- Red (75%)
- Green (79%)
- Blue (77%)



- Red (75%)
- Yellow (78%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8352, 0.3086, 0.3351 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 56.8352, 0.3086, 0.3351 by changing the saturation by 10% instead.

■ 56.8352, 0.3086,
0.3351

■ 56.8352, 0.3086,
0.3351

412.8315, 0.3106,
0.3321

■ 40.8729, 0.3081,
0.3358

■ 100.2247, 0.3093,
0.3340

■ 28.2198, 0.3075,
0.3367

128.4207, 0.3096,
0.3336

■ 18.4914, 0.3067,
0.3379

161.4634, 0.3098,
0.3333

■ 11.3034, 0.3056,
0.3395

199.7373, 0.3100,
0.3330

■ 6.2713, 0.3041,
0.3418

243.6266, 0.3102,
0.3328

■ 3.0107, 0.3016,
0.3454

293.5158, 0.3103,

■ 1.1373, 0.2973,

0.3325

0.3519

349.7893, 0.3105,
0.3323

0.0096, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8352, 0.3086,
0.3351

56.8352, 0.3086,
0.3351

53.9632, 0.3004,
0.3485

60.1006, 0.3169,
0.3232

51.4623, 0.2926,
0.3634


63.7663, 0.3252,
0.3126


49.3188, 0.2853,
0.3797

67.8483, 0.3333,
0.3033

47.5155, 0.2790,
0.3974


69.1095, 0.3286,
0.2937


 46.0335, 0.2739,
0.4161


 69.7140, 0.3212,
0.2841

 44.8522, 0.2704,
0.4356

 70.2523, 0.3152,
0.2762

 43.9485, 0.2688,
0.4553

 43.2956, 0.2691,
0.4748

 42.8610, 0.2713,
0.4934

Harmonies

Analogous

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



56.8352, 0.3145, 0.3385



56.8352, 0.3086, 0.3351



56.8352, 0.3038, 0.3301

Triad

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



56.8352, 0.3086, 0.3351



56.8352, 0.3054, 0.3189



56.8352, 0.3242, 0.3331

Complementary

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



56.8352, 0.3086, 0.3351



53.6785, 0.3170, 0.3230

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.



56.8352, 0.3217, 0.3279



56.8352, 0.3086, 0.3351



56.8352, 0.3108, 0.3198

Square

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



56.8352, 0.3086, 0.3351



56.8352, 0.3019, 0.3207



56.8352, 0.3168, 0.3231



56.8352, 0.3236, 0.3373

Rectangle

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



56.8352, 0.3086, 0.3351



56.8352, 0.3019, 0.3265



56.8352, 0.3168, 0.3231



56.8352, 0.3237, 0.3314

Sweetspot

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



56.8376, 0.3086, 0.3351



99.4374, 0.3119, 0.3302



57.2951, 0.3162, 0.3411



21.2896, 0.3119, 0.3302



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.



56.8376, 0.3086, 0.3351



96.7278, 0.3077, 0.3365



57.0616, 0.3052, 0.3292



12.1534, 0.3073, 0.3372



26.8634, 0.2722, 0.4999



1.2866, 0.2615, 0.4614

Inverse Universe

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



53.6785, 0.3170, 0.3230



90.1427, 0.3181, 0.3216



53.4616, 0.3208, 0.3288



11.2615, 0.3185, 0.3210



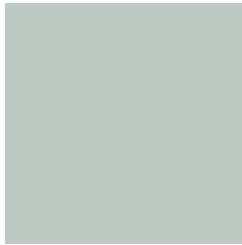
8.4160, 0.4931, 0.2490



0.4131, 0.4478, 0.2240

Previews

White Background



This preview shows how the Yxy color 56.8352, 0.3086, 0.3351 looks on a white background.

Color Contrast Check

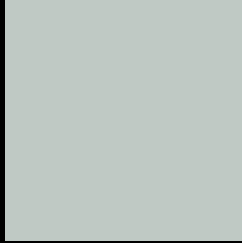
Large Text (above 18pt) WCAG AA × Fail

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 56.8352, 0.3086, 0.3351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

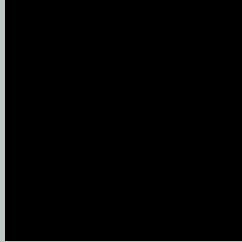
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

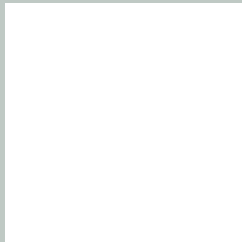
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8352, 0.3086, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 56.8352, 0.3086, 0.3351.



This preview shows how white text looks on a background with the Yxy color 56.8352, 0.3086, 0.3351.

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

56.8352, 0.3086, 0.3351

Protanopia

56.9797, 0.3196, 0.3338

Deuteranopia

56.6819, 0.3294, 0.3221



Tritanopia

56.7125, 0.2983, 0.3099

Trichromacy



Original Color

56.8352, 0.3086, 0.3351

Protanomaly

56.9291, 0.3156, 0.3338

Deuteranomaly

56.4713, 0.3217, 0.3267

Tritanomaly

56.6893, 0.3024, 0.3194

Monochromacy



Original Color

56.8352, 0.3086, 0.3351

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0215, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8352, 0.3086, 0.3351 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, 201, 196)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 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(191, 201, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 196) }
```

Border

The CSS property to change the border of an element to Yxy 56.8352, 0.3086, 0.3351 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, 201, 196) }
```

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

```
.border{ border-color:rgb(191, 201, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 201, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 201, 196); box-shadow:4px 4px 4px 4px rgb(191, 201, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8352, 0.3086, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 196) }
```

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

```
.background{ background-color: rgb(191,  
201, 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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