

Converting Colors

$Yxy(56.8153, 0.3037, 0.3440)$

Have a look what the booklet for
Yxy(56.8153, 0.3037, 0.3440)
contains.

Yxy(56.8153, 0.3037, 0.3440)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8153, 0.3037, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	B5CCC0
RGB	181, 204, 192
RGB Percent	71%, 80%, 75%
CMY	0.2903, 0.2000, 0.2471
CMYK	0.11, 0.00, 0.06, 0.20
HSL	149°, 18%, 75%
HSV	149°, 11%, 80%
XYZ	50.1593, 56.8153, 58.1861
YIQ	195.7550, -9.8560, -8.6080

Conversions

Conversions Part 2

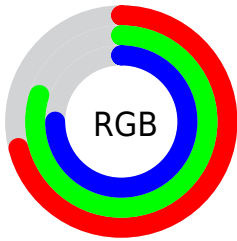
Format	Color
RYB	181, 197, 204
Decimal	11914432
CIELab	80.08, -10.06, 3.35
CIElCh	80, 10.606, 161.596
Yxy	56.8153, 0.3037, 0.3440
Android (android.graphics.Color)	4290104512 (0xFFB5CCC0)
YUV	195.7550, -1.8512, -12.9401
Hunter-Lab	75.3759, -13.1241, 6.9945

Details

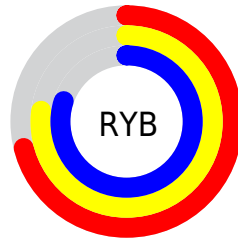
The Yxy color **56.8153, 0.3037, 0.3440** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7301, 0.3228, 0.3145**, and the grayscale version is **55.0625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3018, 0.3056, 0.3359**, and **28.2660, 0.3009, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **54.0746, 0.2960, 0.3589**, and if you desaturate by 10%, it is **59.9560, 0.3117, 0.3306**.

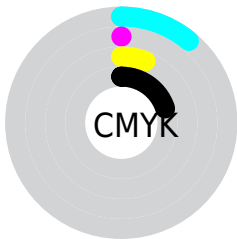
Distribution



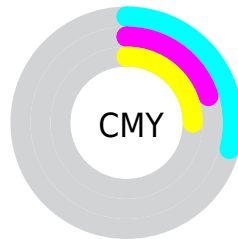
- Red (71%)
- Green (80%)
- Blue (75%)



- Red (71%)
- Yellow (77%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8153, 0.3037, 0.3440 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 56.8153, 0.3037, 0.3440 by changing the saturation by 10% instead.

 56.8153, 0.3037,
0.3440

 56.8153, 0.3037,
0.3440


412.7569, 0.3081,
0.3367

 40.8570, 0.3026,
0.3458


 100.1956, 0.3053,
0.3414

 28.2073, 0.3013,
0.3480


128.3864, 0.3059,
0.3404

 18.4820, 0.2995,
0.3510


161.4235, 0.3064,
0.3395

 11.2966, 0.2971,
0.3551

199.6913, 0.3068,
0.3388

 6.2667, 0.2936,
0.3610

243.5741, 0.3072,
0.3382

 3.0079, 0.2880,
0.3704

293.4563, 0.3075,

 1.1359, 0.2779,

0.3376

349.7225, 0.3078,
0.3371

0.3876

0.0084, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8153, 0.3037,
0.3440

56.8153, 0.3037,
0.3440

54.0746, 0.2960,
0.3589

59.9560, 0.3117,
0.3306

51.7104, 0.2887,
0.3754

63.5050, 0.3197,
0.3187

49.7077, 0.2822,
0.3934

67.4792, 0.3276,
0.3082


48.0473, 0.2768,
0.4126


70.4247, 0.3296,
0.2984


 46.7087, 0.2729,
0.4326


 71.0573, 0.3219,
0.2882

 45.6687, 0.2707,
0.4532

 71.6706, 0.3151,
0.2792

 44.9011, 0.2704,
0.4735

 44.3745, 0.2721,
0.4931

 44.0635, 0.2748,
0.5092

Harmonies

Analogous

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



56.8153, 0.3176, 0.3518



56.8153, 0.3037, 0.3440



56.8153, 0.2924, 0.3320

Triad

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



56.8153, 0.3037, 0.3440



56.8153, 0.2950, 0.3056



56.8153, 0.3397, 0.3376

Complementary

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



56.8153, 0.3037, 0.3440



49.7301, 0.3228, 0.3145

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.



56.8153, 0.3334, 0.3256



56.8153, 0.3037, 0.3440



56.8153, 0.3074, 0.3074

Square

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



56.8153, 0.3037, 0.3440



56.8153, 0.2874, 0.3099



56.8153, 0.3214, 0.3147



56.8153, 0.3386, 0.3477

Rectangle

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



56.8153, 0.3037, 0.3440



56.8153, 0.2877, 0.3234



56.8153, 0.3214, 0.3147



56.8153, 0.3384, 0.3337

Sweetspot

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



56.8177, 0.3037, 0.3440



98.3233, 0.3103, 0.3328



57.8983, 0.3209, 0.3573



20.9516, 0.3096, 0.3339



0.0000, 0.0000, 0.0000



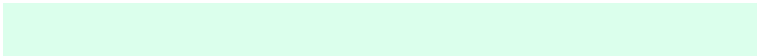
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8177, 0.3037, 0.3440



92.7041, 0.3014, 0.3482



57.3357, 0.2961, 0.3299



12.6248, 0.3052, 0.3414



27.7496, 0.2741, 0.5067



1.4469, 0.2638, 0.4697

Inverse Universe

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



49.7301, 0.3228, 0.3145



78.2488, 0.3258, 0.3106



49.2469, 0.3321, 0.3281



11.3098, 0.3210, 0.3170



8.7602, 0.4850, 0.2445



0.4672, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 56.8153, 0.3037, 0.3440 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 56.8153, 0.3037, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

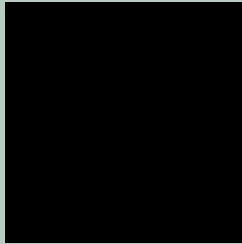
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

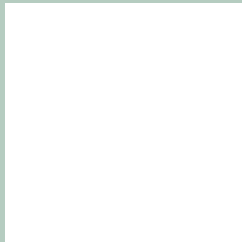
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8153, 0.3037, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 56.8153, 0.3037, 0.3440.



This preview shows how white text looks on a background with the Yxy color 56.8153, 0.3037, 0.3440.

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

56.8153, 0.3037, 0.3440

Protanopia

56.4007, 0.3250, 0.3398

Deuteranopia

56.6544, 0.3334, 0.3268



Tritanopia

56.5807, 0.2904, 0.3096

Trichromacy



Original Color

56.8153, 0.3037, 0.3440

Protanomaly

56.7184, 0.3176, 0.3424

Deuteranomaly

56.3092, 0.3222, 0.3326

Tritanomaly

56.4686, 0.2957, 0.3216

Monochromacy



Original Color

56.8153, 0.3037, 0.3440

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.8633, 0.3094, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8153, 0.3037, 0.3440 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(181, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 192)  
}
```

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(181, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.8153, 0.3037, 0.3440 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(181, 204, 192) }
```

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

```
.border{ border-color:rgb(181, 204, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8153, 0.3037, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 192) }
```

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

```
.background{ background-color: rgb(181,  
204, 192) }
```

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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