

Converting Colors

Yxy(56.5486, 0.3199, 0.3539)

Have a look what the booklet for
Yxy(56.5486, 0.3199, 0.3539)
contains.

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Color

Yxy(56.3160, 0.3202, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	C0C9B5
RGB	192, 201, 181
RGB Percent	75%, 79%, 71%
CMY	0.2470, 0.2118, 0.2903
CMYK	0.04, 0.00, 0.10, 0.21
HSL	87°, 16%, 75%
HSV	87°, 10%, 79%
XYZ	50.9677, 56.3160, 51.8909
YIQ	196.0290, 1.0560, -8.1280

Conversions

Conversions Part 2

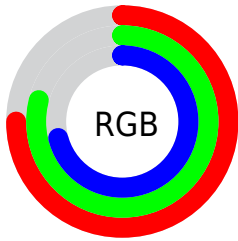
Format	Color
RYB	181, 201, 190
Decimal	12634549
CIELab	79.79, -6.69, 8.94
CIELCh	80, 11.164, 126.800
Yxy	56.3160, 0.3202, 0.3538
Android (android.graphics.Color)	4290824629 (0xFFC0C9B5)
YUV	196.0290, -7.4093, -3.5334
Hunter-Lab	75.0440, -10.0949, 11.5333

Details

The Yxy color **56.3160, 0.3202, 0.3538** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.2014, 0.3047, 0.3041**, and the grayscale version is **55.2674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5909, 0.3188, 0.3466**, and **27.9149, 0.3228, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **54.4105, 0.3277, 0.3806**, and if you desaturate by 10%, it is **58.4176, 0.3127, 0.3289**.

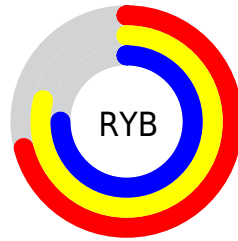
Distribution



Red (75%)

Green (79%)

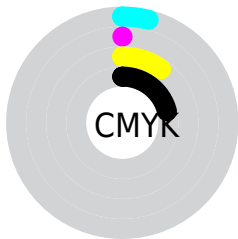
Blue (71%)



Red (71%)

Yellow (79%)

Blue (75%)

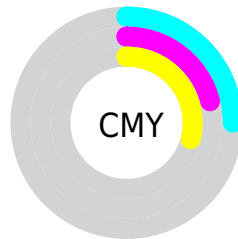


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (21%)



Cyan (25%)


Magenta (21%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3160, 0.3202, 0.3538 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 56.3160, 0.3202, 0.3538 by changing the saturation by 10% instead.

 56.3160, 0.3202,
0.3538

 56.3160, 0.3202,
0.3538


410.8813, 0.3167,
0.3416

 40.4563, 0.3210,
0.3568


 99.4665, 0.3190,
0.3494

 27.8945, 0.3221,
0.3605


127.5260, 0.3185,
0.3478

 18.2462, 0.3234,
0.3655


160.4210, 0.3181,
0.3464

 11.1269, 0.3252,
0.3723

198.5359, 0.3177,
0.3452

 6.1522, 0.3276,
0.3822

242.2549, 0.3174,
0.3441

 2.9379, 0.3311,
0.3979

291.9626, 0.3171,

 1.0994, 0.3439,

0.3432

0.4359

348.0432, 0.3169,
0.3424

0.0000, 0.0000,
0.0000

56.3160, 0.3202,
0.3538

56.3160, 0.3202,
0.3538

54.4105, 0.3277,
0.3806

58.4176, 0.3127,
0.3289

52.6873, 0.3348,
0.4090

60.7140, 0.3053,
0.3061

51.1422, 0.3412,
0.4381

63.2132, 0.2983,
0.2855

49.7680, 0.3465,
0.4671

65.5028, 0.2957,
0.2730

48.5568, 0.3501,
0.4946

67.0172, 0.3022,
0.2740

■ 47.4999, 0.3518,
0.5192

■ 68.6097, 0.3087,
0.2751

■ 46.5878, 0.3511,
0.5397

■ 70.2537, 0.3152,
0.2762

■ 45.8092, 0.3482,
0.5549

■ 45.1443, 0.3435,
0.5654

Harmonies

Analogous

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



56.3160, 0.3332, 0.3539



56.3160, 0.3202, 0.3538



56.3160, 0.3054, 0.3466

Triad

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



56.3160, 0.3202, 0.3538



56.3160, 0.2854, 0.3101



56.3160, 0.3328, 0.3234

Complementary

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



56.3160, 0.3202, 0.3538



48.2014, 0.3047, 0.3041

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.



56.3160, 0.3196, 0.3124



56.3160, 0.3202, 0.3538



56.3160, 0.2923, 0.3046

Square

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



56.3160, 0.3202, 0.3538



56.3160, 0.2856, 0.3209



56.3160, 0.3048, 0.3056



56.3160, 0.3406, 0.3361

Rectangle

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



56.3160, 0.3202, 0.3538



56.3160, 0.2966, 0.3387



56.3160, 0.3048, 0.3056



56.3160, 0.3288, 0.3194

Sweetspot

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



56.3184, 0.3202, 0.3538



98.8719, 0.3150, 0.3364



52.4324, 0.3289, 0.3397



21.0992, 0.3156, 0.3384



0.0000, 0.0000, 0.0000



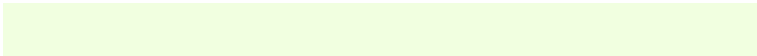
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3184, 0.3202, 0.3538



95.6721, 0.3219, 0.3596



55.0933, 0.3126, 0.3544



12.1712, 0.3198, 0.3523



28.4381, 0.3445, 0.5647



1.3891, 0.3596, 0.5527

Inverse Universe

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



48.2014, 0.3047, 0.3041



78.9460, 0.3027, 0.2983



49.4922, 0.3127, 0.3047



10.5165, 0.3052, 0.3056



4.0766, 0.1936, 0.0840



0.2359, 0.2175, 0.0972

Previews

White Background



This preview shows how the Yxy color 56.3160, 0.3202, 0.3538 looks on a white background.

Color Contrast Check

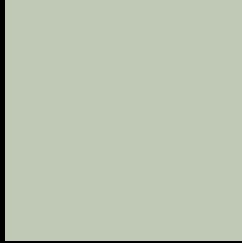
Large Text (above 18pt) WCAG AA × Fail

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 56.3160, 0.3202, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

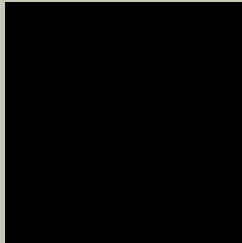
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

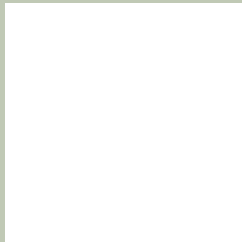
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3160, 0.3202, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 56.3160, 0.3202, 0.3538.



This preview shows how white text looks on a background with the Yxy color 56.3160, 0.3202, 0.3538.

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

56.3160, 0.3202, 0.3538

Protanopia

56.3090, 0.3336, 0.3507

Deuteranopia

56.2101, 0.3449, 0.3383



Tritanopia

56.1036, 0.3019, 0.3100

Trichromacy



Original Color

56.3160, 0.3202, 0.3538

Protanomaly

56.1010, 0.3285, 0.3509

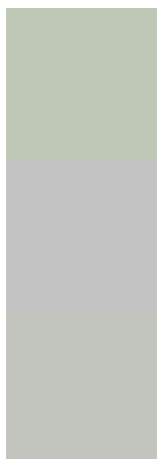
Deuteranomaly

56.2565, 0.3357, 0.3445

Tritanomaly

56.2073, 0.3082, 0.3254

Monochromacy



Original Color

56.3160, 0.3202, 0.3538

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.7519, 0.3155, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3160, 0.3202, 0.3538 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(192, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 181)  
}
```

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(192, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 181) }
```

Border

The CSS property to change the border of an element to Yxy 56.3160, 0.3202, 0.3538 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(192, 201, 181) }
```

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

```
.border{ border-color:rgb(192, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 201,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3160, 0.3202, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 181) }
```

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

```
.background{ background-color: rgb(192,  
201, 181) }
```

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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