

Converting Colors

$Y_{xy}(56.7033, 0.3163, 0.3302)$

Have a look what the booklet for
Yxy(56.7033, 0.3163, 0.3302)
contains.

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Color

Yxy(56.8369, 0.3158, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C9C6C5
RGB	201, 198, 197
RGB Percent	79%, 78%, 77%
CMY	0.2118, 0.2235, 0.2274
CMYK	0.00, 0.01, 0.02, 0.21
HSL	15°, 4%, 78%
HSV	15°, 2%, 79%
XYZ	54.3582, 56.8369, 60.9336
YIQ	198.7830, 2.1090, 0.3250

Conversions

Conversions Part 2

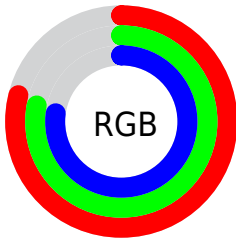
Format	Color
RYB	201, 198, 197
Decimal	13223621
CIELab	80.09, 0.86, 0.85
CIElCh	80, 1.211, 44.864
Yxy	56.8369, 0.3158, 0.3302
Android (android.graphics.Color)	4291413701 (0xFFC9C6C5)
YUV	198.7830, -0.8790, 1.9443
Hunter-Lab	75.3903, -3.2300, 4.8525

Details

The Yxy color **56.8369, 0.3158, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3936, 0.3097, 0.3278**, and the grayscale version is **56.9791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **28.1327, 0.3169, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **49.4314, 0.3332, 0.3366**, and if you desaturate by 10%, it is **65.0549, 0.3013, 0.3243**.

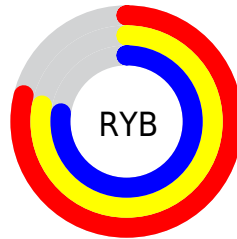
Distribution



Red (79%)

Green (78%)

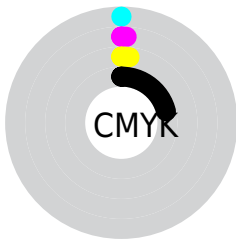
Blue (77%)



Red (79%)

Yellow (78%)

Blue (77%)

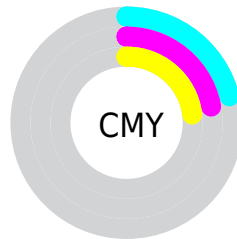


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8369, 0.3158, 0.3302 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 56.8369, 0.3158, 0.3302 by changing the saturation by 10% instead.

■ 56.8369, 0.3158,
0.3302

■ 56.8369, 0.3158,
0.3302

412.8379, 0.3143,
0.3296

■ 40.8743, 0.3162,
0.3303

100.2272, 0.3153,
0.3300

■ 28.2209, 0.3166,
0.3305

128.4236, 0.3151,
0.3299

■ 18.4922, 0.3172,
0.3307

161.4668, 0.3149,
0.3299

■ 11.3040, 0.3180,
0.3310

199.7412, 0.3147,
0.3298

■ 6.2717, 0.3191,
0.3315

243.6311, 0.3146,
0.3297

■ 3.0110, 0.3209,
0.3321

293.5209, 0.3145,

■ 1.1375, 0.3241,

0.3297

0.3333

349.7950, 0.3144,
0.3297

0.0097, 0.7565,
0.2435

0.0000, 0.0000,
0.0000

56.8369, 0.3158,
0.3302

56.8369, 0.3158,
0.3302

49.4314, 0.3332,
0.3366

65.0549, 0.3013,
0.3243

42.8064, 0.3540,
0.3433

74.1017, 0.2892,
0.3190

36.9383, 0.3787,
0.3502

83.8529, 0.2802,
0.3165

31.7996, 0.4079,
0.3571

91.1563, 0.2811,
0.3289

■ 27.3614, 0.4415,
0.3631

■ 23.5924, 0.4789,
0.3677

■ 20.4591, 0.5181,
0.3696

■ 17.9247, 0.5559,
0.3678

■ 15.9485, 0.5881,
0.3618

Harmonies

Analogous

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



56.8369, 0.3152, 0.3288



56.8369, 0.3158, 0.3302



56.8369, 0.3156, 0.3313

Triad

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



56.8369, 0.3158, 0.3302



56.8369, 0.3115, 0.3306



56.8369, 0.3108, 0.3263

Complementary

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



56.8369, 0.3158, 0.3302



57.3936, 0.3097, 0.3278

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.



56.8369, 0.3099, 0.3268



56.8369, 0.3158, 0.3302



56.8369, 0.3103, 0.3292

Square

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



56.8369, 0.3158, 0.3302



56.8369, 0.3131, 0.3315



56.8369, 0.3097, 0.3278



56.8369, 0.3123, 0.3266

Rectangle

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



56.8369, 0.3158, 0.3302



56.8369, 0.3150, 0.3317



56.8369, 0.3097, 0.3278



56.8369, 0.3104, 0.3264

Sweetspot

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



56.8394, 0.3158, 0.3302



98.6237, 0.3143, 0.3296



56.5229, 0.3137, 0.3254



21.1240, 0.3142, 0.3296



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.



56.8394, 0.3158, 0.3302



97.2616, 0.3159, 0.3302



57.7545, 0.3157, 0.3326



12.2775, 0.3156, 0.3301



9.3867, 0.6060, 0.3570



0.5639, 0.5638, 0.3905

Inverse Universe

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



57.3936, 0.3097, 0.3278



98.2327, 0.3096, 0.3278



56.4785, 0.3098, 0.3254



12.3908, 0.3098, 0.3279



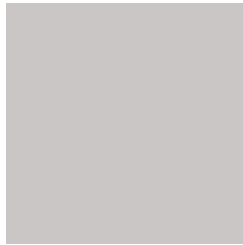
16.6440, 0.2018, 0.2465



0.8981, 0.2072, 0.2657

Previews

White Background



This preview shows how the Yxy color 56.8369, 0.3158, 0.3302 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 56.8369, 0.3158, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

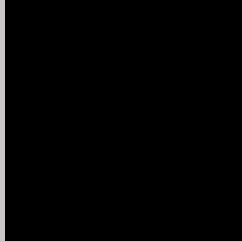
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

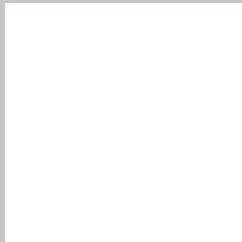
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8369, 0.3158, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 56.8369, 0.3158, 0.3302.

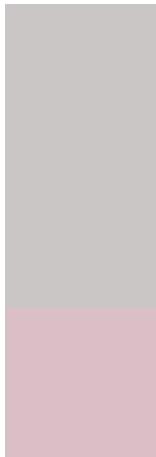


This preview shows how white text looks on a background with the Yxy color 56.8369, 0.3158, 0.3302.

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

56.8369, 0.3158, 0.3302

Protanopia

56.9759, 0.3166, 0.3302

Deuteranopia

56.6819, 0.3294, 0.3221



Tritanopia

56.8795, 0.3073, 0.3114

Trichromacy



Original Color

56.8369, 0.3158, 0.3302

Protanomaly

56.9759, 0.3166, 0.3302

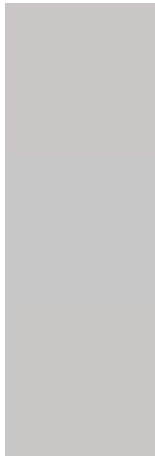
Deuteranomaly

56.6578, 0.3242, 0.3244

Tritanomaly

56.9453, 0.3101, 0.3184

Monochromacy



Original Color

56.8369, 0.3158, 0.3302

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2034, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8369, 0.3158, 0.3302 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(201, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 197)  
}
```

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(201, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 197) }
```

Border

The CSS property to change the border of an element to Yxy 56.8369, 0.3158, 0.3302 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(201, 198, 197) }
```

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

```
.border{ border-color:rgb(201, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 198,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8369, 0.3158, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 197) }
```

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

```
.background{ background-color: rgb(201,  
198, 197) }
```

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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