

Converting Colors

Yxy(56.2907, 0.3149, 0.3369)

Have a look what the booklet for
Yxy(56.2907, 0.3149, 0.3369)
contains.

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Color

Yxy(56.3884, 0.3155, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7C0
RGB	196, 199, 192
RGB Percent	77%, 78%, 75%
CMY	0.2312, 0.2196, 0.2470
CMYK	0.01, 0.00, 0.04, 0.22
HSL	85°, 6%, 77%
HSV	85°, 4%, 78%
XYZ	52.7127, 56.3884, 57.9756
YIQ	197.3050, 0.4590, -2.8130

Conversions

Conversions Part 2

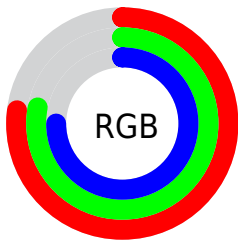
Format	Color
R _Y B	192, 199, 195
Decimal	12896192
CIE Lab	79.83, -2.28, 3.13
CIE LCh	80, 3.871, 126.091
Yxy	56.3884, 0.3155, 0.3375
Android (android.graphics.Color)	4291086272 (0xFFC4C7C0)
YUV	197.3050, -2.6154, -1.1445
Hunter-Lab	75.0922, -6.1092, 6.7892

Details

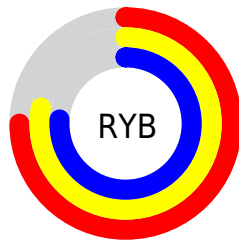
The Yxy color **56.3884, 0.3155, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4177, 0.3099, 0.3205**, and the grayscale version is **56.0501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1800, 0.3155, 0.3357**, and **27.8657, 0.3154, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **54.4762, 0.3235, 0.3630**, and if you desaturate by 10%, it is **58.4874, 0.3076, 0.3140**.

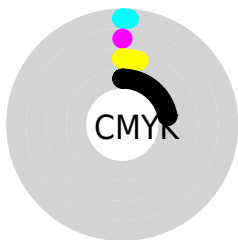
Distribution



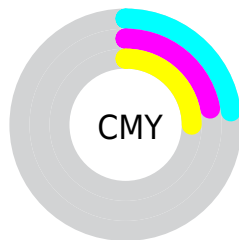
- Red (77%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)




- Cyan (23%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3884, 0.3155, 0.3375 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 56.3884, 0.3155, 0.3375 by changing the saturation by 10% instead.

 56.3884, 0.3155,
0.3375

 56.3884, 0.3155,
0.3375


411.1536, 0.3142,
0.3334

 40.5144, 0.3158,
0.3385


 99.5722, 0.3150,
0.3360

 27.9399, 0.3162,
0.3398


127.6509, 0.3148,
0.3355

 18.2803, 0.3167,
0.3414


160.5665, 0.3147,
0.3350

 11.1514, 0.3174,
0.3437

198.7035, 0.3146,
0.3346

 6.1688, 0.3185,
0.3469

242.4464, 0.3144,
0.3342

 2.9480, 0.3200,
0.3520

292.1794, 0.3143,

 1.1046, 0.3227,

0.3339

0.3612

348.2870, 0.3142,
0.3336

0.0000, 0.0000,
0.0000

56.3884, 0.3155,
0.3375

56.3884, 0.3155,
0.3375

54.4762, 0.3235,
0.3630

58.4874, 0.3076,
0.3140

52.7376, 0.3313,
0.3903

60.7712, 0.3001,
0.2925

51.1690, 0.3387,
0.4188

63.2476, 0.2929,
0.2732

49.7638, 0.3453,
0.4476

64.8059, 0.2967,
0.2710

48.5152, 0.3505,
0.4757

66.2198, 0.3027,
0.2720

■ 47.4153, 0.3539,
0.5019

■ 67.7010, 0.3089,
0.2731

■ 46.4559, 0.3552,
0.5246

■ 69.2503, 0.3150,
0.2741

■ 45.6272, 0.3541,
0.5428

■ 69.3222, 0.3153,
0.2742

■ 44.9179, 0.3507,
0.5558

Harmonies

Analogous

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



56.3884, 0.3199, 0.3376



56.3884, 0.3155, 0.3375



56.3884, 0.3104, 0.3351

Triad

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



56.3884, 0.3155, 0.3375



56.3884, 0.3031, 0.3226



56.3884, 0.3196, 0.3270

Complementary

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



56.3884, 0.3155, 0.3375



53.4177, 0.3099, 0.3205

Split Complementary

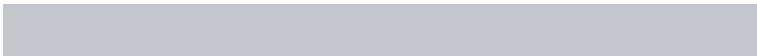
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.3884, 0.3150, 0.3231



56.3884, 0.3155, 0.3375



56.3884, 0.3055, 0.3205

Square

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



56.3884, 0.3155, 0.3375



56.3884, 0.3033, 0.3264



56.3884, 0.3099, 0.3207



56.3884, 0.3223, 0.3315

Rectangle

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



56.3884, 0.3155, 0.3375



56.3884, 0.3072, 0.3325



56.3884, 0.3099, 0.3207



56.3884, 0.3182, 0.3256

Sweetspot

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



56.3908, 0.3155, 0.3375



99.6341, 0.3135, 0.3314



54.9383, 0.3182, 0.3325



21.3297, 0.3135, 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.



56.3908, 0.3155, 0.3375



98.5560, 0.3159, 0.3389



55.9311, 0.3128, 0.3376



12.3871, 0.3164, 0.3404



28.6759, 0.3486, 0.5614



1.3997, 0.3632, 0.5498

Inverse Universe

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



53.4177, 0.3099, 0.3205



92.5599, 0.3094, 0.3191



53.8847, 0.3126, 0.3206



11.5178, 0.3089, 0.3175



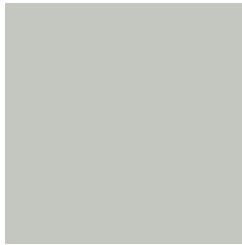
3.9029, 0.1888, 0.0813



0.2272, 0.2129, 0.0947

Previews

White Background



This preview shows how the Yxy color 56.3884, 0.3155, 0.3375 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 56.3884, 0.3155, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

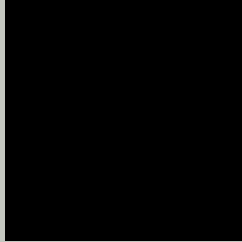
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

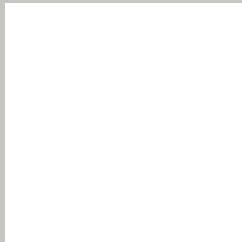
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3884, 0.3155, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 56.3884, 0.3155, 0.3375.



This preview shows how white text looks on a background with the Yxy color 56.3884, 0.3155, 0.3375.

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

56.3884, 0.3155, 0.3375

Protanopia

56.3906, 0.3220, 0.3362

Deuteranopia

56.0621, 0.3327, 0.3256



Tritanopia

56.3754, 0.3035, 0.3101

Trichromacy



Original Color

56.3884, 0.3155, 0.3375

Protanomaly

56.4291, 0.3195, 0.3375

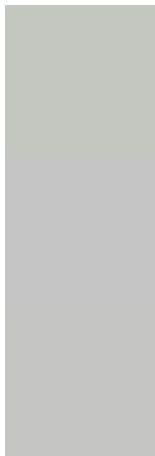
Deuteranomaly

56.1355, 0.3265, 0.3302

Tritanomaly

56.3460, 0.3077, 0.3194

Monochromacy



Original Color

56.3884, 0.3155, 0.3375

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1986, 0.3141, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3884, 0.3155, 0.3375 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(196, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 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(196, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 192) }
```

Border

The CSS property to change the border of an element to Yxy 56.3884, 0.3155, 0.3375 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(196, 199, 192) }
```

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

```
.border{ border-color:rgb(196, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3884, 0.3155, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 192) }
```

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

```
.background{ background-color: rgb(196,  
199, 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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