

Converting Colors

Yxy(56.3844, 0.3312, 0.3560)

Have a look what the booklet for
Yxy(56.3844, 0.3312, 0.3560)
contains.

Yxy(56.4387, 0.3307, 0.3558)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4387, 0.3307, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	C9C7B1
RGB	201, 199, 177
RGB Percent	79%, 78%, 69%
CMY	0.2116, 0.2196, 0.3058
CMYK	0.00, 0.01, 0.12, 0.21
HSL	55°, 18%, 74%
HSV	55°, 12%, 79%
XYZ	52.4572, 56.4387, 49.7289
YIQ	197.0900, 8.2540, -6.4180

Conversions

Conversions Part 2

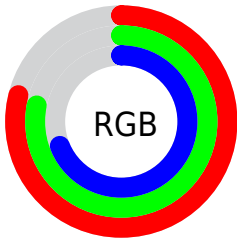
Format	Color
RYB	179, 201, 177
Decimal	13223857
CIELab	79.86, -3.07, 11.26
CIELCh	80, 11.670, 105.242
Yxy	56.4387, 0.3307, 0.3558
Android (android.graphics.Color)	4291413937 (0xFFC9C7B1)
YUV	197.0900, -9.9044, 3.4291
Hunter-Lab	75.1257, -6.8307, 13.3414

Details

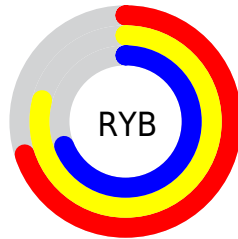
The Yxy color **56.4387, 0.3307, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8367, 0.2940, 0.3007**, and the grayscale version is **55.9547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **27.9091, 0.3359, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **54.9090, 0.3464, 0.3789**, and if you desaturate by 10%, it is **58.1005, 0.3156, 0.3333**.

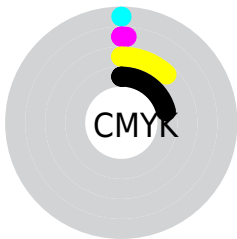
Distribution



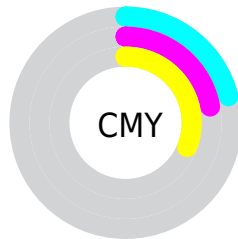
- Red (79%)
- Green (78%)
- Blue (69%)



- Red (70%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (21%)





- Cyan (21%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4387, 0.3307, 0.3558 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 56.4387, 0.3307, 0.3558 by changing the saturation by 10% instead.

 56.4387, 0.3307,
0.3558

 56.4387, 0.3307,
0.3558


411.3427, 0.3220,
0.3427

 40.5548, 0.3328,
0.3590


 99.6457, 0.3276,
0.3511

 27.9714, 0.3354,
0.3630


127.7376, 0.3264,
0.3494

 18.3041, 0.3387,
0.3682


160.6675, 0.3254,
0.3478

 11.1685, 0.3433,
0.3753

198.8200, 0.3246,
0.3465

 6.1803, 0.3497,
0.3856

242.5794, 0.3238,
0.3454

 2.9550, 0.3593,
0.4015

292.3300, 0.3232,

 1.1083, 0.3908,

0.3444

0.4471

348.4563, 0.3226,
0.3435

0.0000, 0.0000,
0.0000

56.4387, 0.3307,
0.3558

56.4387, 0.3307,
0.3558

54.9090, 0.3464,
0.3789

58.1005, 0.3156,
0.3333

53.4987, 0.3624,
0.4019

59.8918, 0.3013,
0.3118

52.2048, 0.3781,
0.4241

61.8196, 0.2881,
0.2916

51.0212, 0.3929,
0.4444

63.7308, 0.2774,
0.2754

49.9414, 0.4062,
0.4620

64.5645, 0.2775,
0.2773

■ 48.9580, 0.4174,
0.4759

■ 65.4074, 0.2776,
0.2792

■ 48.0625, 0.4261,
0.4855

■ 66.2595, 0.2778,
0.2812

■ 47.2449, 0.4320,
0.4908

■ 67.1207, 0.2779,
0.2831

■ 46.6290, 0.4353,
0.4926

■ 67.9911, 0.2780,
0.2850

Harmonies

Analogous

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



56.4387, 0.3405, 0.3507



56.4387, 0.3307, 0.3558



56.4387, 0.3162, 0.3535

Triad

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



56.4387, 0.3307, 0.3558



56.4387, 0.2836, 0.3169



56.4387, 0.3241, 0.3146

Complementary

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



56.4387, 0.3307, 0.3558



45.8367, 0.2940, 0.3007

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.



56.4387, 0.3087, 0.3060



56.4387, 0.3307, 0.3558



56.4387, 0.2855, 0.3070

Square

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



56.4387, 0.3307, 0.3558



56.4387, 0.2892, 0.3305



56.4387, 0.2946, 0.3032



56.4387, 0.3367, 0.3268

Rectangle

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



56.4387, 0.3307, 0.3558



56.4387, 0.3059, 0.3479



56.4387, 0.2946, 0.3032



56.4387, 0.3191, 0.3112

Sweetspot

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



56.4412, 0.3307, 0.3558



98.8038, 0.3187, 0.3379



47.1446, 0.3320, 0.3261



21.1008, 0.3198, 0.3397



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.



56.4412, 0.3307, 0.3558



95.9733, 0.3342, 0.3609



56.1042, 0.3226, 0.3589



12.2555, 0.3267, 0.3499



29.3692, 0.4350, 0.4928



1.4375, 0.4314, 0.4957

Inverse Universe

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



45.8367, 0.2940, 0.3007



74.7608, 0.2902, 0.2949



46.1858, 0.3019, 0.2987



10.4312, 0.2983, 0.3072



2.9653, 0.1518, 0.0663



0.1920, 0.1576, 0.0871

Previews

White Background



This preview shows how the Yxy color 56.4387, 0.3307, 0.3558 looks on a white background.

Color Contrast Check

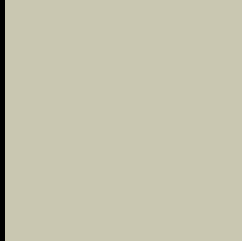
Large Text (above 18pt) WCAG AA × Fail

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 56.4387, 0.3307, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

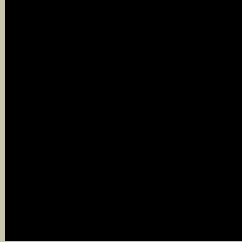
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

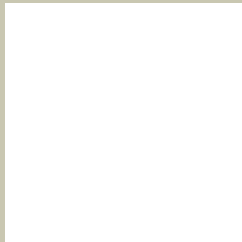
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4387, 0.3307, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 56.4387, 0.3307, 0.3558.



This preview shows how white text looks on a background with the Yxy color 56.4387, 0.3307, 0.3558.

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

56.4387, 0.3307, 0.3558

Protanopia

56.3325, 0.3367, 0.3543

Deuteranopia

56.3636, 0.3499, 0.3429



Tritanopia

56.3585, 0.3104, 0.3103

Trichromacy



Original Color

56.4387, 0.3307, 0.3558

Protanomaly

56.5019, 0.3349, 0.3556

Deuteranomaly

56.3969, 0.3433, 0.3479

Tritanomaly

56.3944, 0.3176, 0.3266

Monochromacy



Original Color

56.4387, 0.3307, 0.3558

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.1116, 0.3186, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4387, 0.3307, 0.3558 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, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 177)  
}
```

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, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 177) }
```

Border

The CSS property to change the border of an element to Yxy 56.4387, 0.3307, 0.3558 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, 199, 177) }
```

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

```
.border{ border-color:rgb(201, 199, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 177);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4387, 0.3307, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 177) }
```

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

```
.background{ background-color: rgb(201,  
199, 177) }
```

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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