

Converting Colors

$Yxy(56.0670, 0.3275, 0.3548)$

Have a look what the booklet for
Yxy(56.0670, 0.3275, 0.3548)
contains.

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Color

Yxy(56.0670, 0.3275, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	C6C7B2
RGB	198, 199, 178
RGB Percent	78%, 78%, 70%
CMY	0.2234, 0.2196, 0.3020
CMYK	0.00, 0.00, 0.11, 0.22
HSL	63°, 16%, 74%
HSV	63°, 11%, 78%
XYZ	51.7529, 56.0670, 50.2043
YIQ	196.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

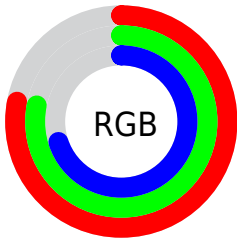
Format	Color
RYB	178, 199, 179
Decimal	13027250
CIELab	79.65, -4.00, 10.41
CIELCh	80, 11.150, 111.038
Yxy	56.0670, 0.3275, 0.3548
Android (android.graphics.Color)	4291217330 (0xFFC6C7B2)
YUV	196.3070, -9.0254, 1.4848
Hunter-Lab	74.8779, -7.6635, 12.6616

Details

The Yxy color **56.0670, 0.3275, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5350, 0.2971, 0.3020**, and the grayscale version is **55.4515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **27.6608, 0.3315, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **55.2036, 0.3418, 0.3800**, and if you desaturate by 10%, it is **57.0520, 0.3135, 0.3303**.

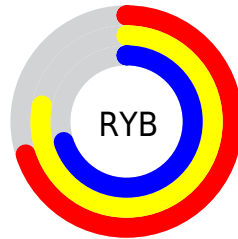
Distribution



Red (78%)

Green (78%)

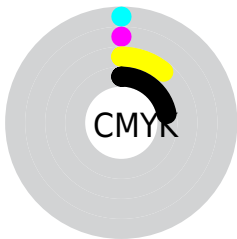
Blue (70%)



Red (70%)

Yellow (78%)

Blue (70%)

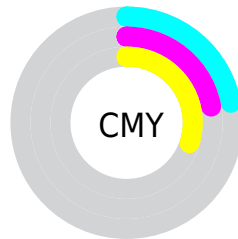


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0670, 0.3275, 0.3548 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 56.0670, 0.3275, 0.3548 by changing the saturation by 10% instead.

 56.0670, 0.3275,
0.3548

 56.0670, 0.3275,
0.3548


409.9439, 0.3204,
0.3422

 40.2566, 0.3292,
0.3579

 99.1025, 0.3250,
0.3503

 27.7387, 0.3313,
0.3617


127.0965, 0.3240,
0.3486

 18.1288, 0.3341,
0.3668

159.9205, 0.3232,
0.3471

 11.0425, 0.3378,
0.3738

197.9588, 0.3225,
0.3459

 6.0954, 0.3430,
0.3839

241.5959, 0.3219,
0.3448

 2.9032, 0.3509,
0.3996

291.2162, 0.3213,

 1.0814, 0.3775,

0.3438

0.4437

347.2041, 0.3208,
0.3430

0.0000, 0.0000,
0.0000

56.0670, 0.3275,
0.3548

56.0670, 0.3275,
0.3548

55.2036, 0.3418,
0.3800

57.0520, 0.3135,
0.3303

54.4495, 0.3560,
0.4051

58.1559, 0.3001,
0.3071

53.8018, 0.3695,
0.4295

59.3856, 0.2874,
0.2853

53.2547, 0.3819,
0.4521

60.5779, 0.2772,
0.2677

52.8020, 0.3925,
0.4718

60.7053, 0.2779,
0.2678

■ 52.4365, 0.4009,
0.4880

■ 60.8335, 0.2785,
0.2679

■ 52.1502, 0.4068,
0.5000

■ 60.9624, 0.2791,
0.2680

■ 51.9336, 0.4101,
0.5076

■ 61.0920, 0.2797,
0.2681

■ 51.7761, 0.4113,
0.5116

■ 61.2225, 0.2803,
0.2682

Harmonies

Analogous

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



56.0670, 0.3380, 0.3512



56.0670, 0.3275, 0.3548



56.0670, 0.3132, 0.3512

Triad

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



56.0670, 0.3275, 0.3548



56.0670, 0.2846, 0.3152



56.0670, 0.3263, 0.3172

Complementary

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



56.0670, 0.3275, 0.3548



45.5350, 0.2971, 0.3020

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.



56.0670, 0.3117, 0.3081



56.0670, 0.3275, 0.3548



56.0670, 0.2879, 0.3067

Square

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



56.0670, 0.3275, 0.3548



56.0670, 0.2886, 0.3278



56.0670, 0.2977, 0.3043



56.0670, 0.3374, 0.3294

Rectangle

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



56.0670, 0.3275, 0.3548



56.0670, 0.3034, 0.3451



56.0670, 0.2977, 0.3043



56.0670, 0.3217, 0.3137

Sweetspot

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



56.0695, 0.3275, 0.3548



99.4506, 0.3169, 0.3363



47.4690, 0.3311, 0.3299



21.2558, 0.3181, 0.3383



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.



56.0695, 0.3275, 0.3548



97.7587, 0.3312, 0.3614



54.7238, 0.3192, 0.3555



12.3913, 0.3258, 0.3519



33.3051, 0.4114, 0.5115



1.5848, 0.4132, 0.5101

Inverse Universe

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



45.5350, 0.2971, 0.3020



75.1297, 0.2929, 0.2946



46.8008, 0.3056, 0.3027



10.3103, 0.2990, 0.3052



2.6998, 0.1516, 0.0609



0.1361, 0.1574, 0.0641

Previews

White Background



This preview shows how the Yxy color 56.0670, 0.3275, 0.3548 looks on a white background.

Color Contrast Check

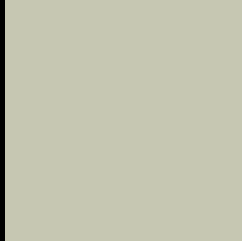
Large Text (above 18pt) WCAG AA × Fail

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 56.0670, 0.3275, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

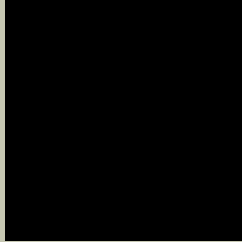
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

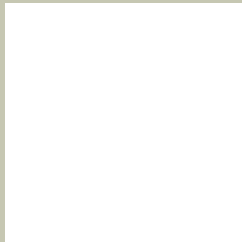
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0670, 0.3275, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 56.0670, 0.3275, 0.3548.



This preview shows how white text looks on a background with the Yxy color 56.0670, 0.3275, 0.3548.

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

56.0670, 0.3275, 0.3548

Protanopia

56.2286, 0.3351, 0.3531

Deuteranopia

55.8102, 0.3484, 0.3406



Tritanopia

55.9332, 0.3081, 0.3102

Trichromacy



Original Color

56.0670, 0.3275, 0.3548

Protanomaly

56.2590, 0.3325, 0.3545

Deuteranomaly

55.6907, 0.3410, 0.3456

Tritanomaly

55.9746, 0.3152, 0.3266

Monochromacy



Original Color

56.0670, 0.3275, 0.3548

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4769, 0.3186, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0670, 0.3275, 0.3548 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(198, 199, 178)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 178)  
}
```

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(198, 199, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.0670, 0.3275, 0.3548 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(198, 199, 178) }
```

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

```
.border{ border-color:rgb(198, 199, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 199, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 178);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0670, 0.3275, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 178) }
```

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

```
.background{ background-color: rgb(198,  
199, 178) }
```

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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