

Converting Colors

Yxy(56.1892, 0.3176, 0.3420)

Have a look what the booklet for
Yxy(56.1892, 0.3176, 0.3420)
contains.

Yxy(56.0798, 0.3176, 0.3425)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.0798, 0.3176, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	C3C7BC
RGB	195, 199, 188
RGB Percent	76%, 78%, 74%
CMY	0.2353, 0.2196, 0.2628
CMYK	0.02, 0.00, 0.06, 0.22
HSL	82°, 9%, 76%
HSV	82°, 6%, 78%
XYZ	52.0028, 56.0798, 55.6541
YIQ	196.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

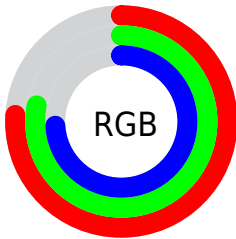
Format	Color
RYB	188, 199, 192
Decimal	12830652
CIELab	79.66, -3.38, 5.02
CIELCh	80, 6.051, 123.940
Yxy	56.0798, 0.3176, 0.3425
Android (android.graphics.Color)	4291020732 (0xFFC3C7BC)
YUV	196.5500, -4.2152, -1.3594
Hunter-Lab	74.8864, -7.0970, 8.3574

Details

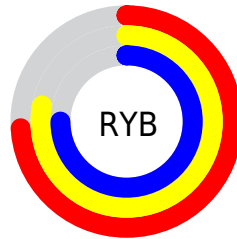
The Yxy color **56.0798, 0.3176, 0.3425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2940, 0.3076, 0.3154**, and the grayscale version is **55.5747, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7471, 0.3172, 0.3396**, and **27.6628, 0.3183, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **54.3384, 0.3265, 0.3683**, and if you desaturate by 10%, it is **57.9915, 0.3088, 0.3186**.

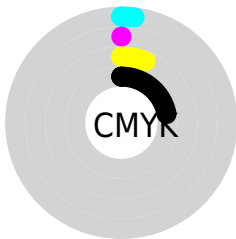
Distribution



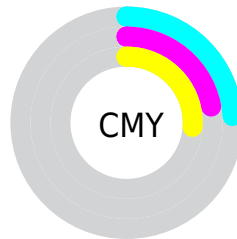
- Red (76%)
- Green (78%)
- Blue (74%)



- Red (74%)
- Yellow (78%)
- Blue (75%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0798, 0.3176, 0.3425 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 56.0798, 0.3176, 0.3425 by changing the saturation by 10% instead.

■ 56.0798, 0.3176,
0.3425

■ 56.0798, 0.3176,
0.3425

409.9922, 0.3153,
0.3359

■ 40.2669, 0.3182,
0.3441

■ 99.1212, 0.3168,
0.3401

■ 27.7467, 0.3189,
0.3461

127.1186, 0.3165,
0.3392

■ 18.1348, 0.3198,
0.3488

159.9462, 0.3162,
0.3385

■ 11.0468, 0.3210,
0.3524

197.9885, 0.3159,
0.3378

■ 6.0983, 0.3227,
0.3577

241.6298, 0.3157,
0.3373

■ 2.9050, 0.3254,
0.3660

291.2546, 0.3156,

■ 1.0823, 0.3309,

0.3368

0.3820

347.2473, 0.3154,
0.3363

0.0000, 0.0000,
0.0000

56.0798, 0.3176,
0.3425

56.0798, 0.3176,
0.3425

54.3384, 0.3265,
0.3683

57.9915, 0.3088,
0.3186

52.7544, 0.3352,
0.3955

60.0714, 0.3004,
0.2966

51.3246, 0.3435,
0.4235

62.3268, 0.2923,
0.2766

50.0427, 0.3507,
0.4516

63.9245, 0.2928,
0.2704

48.9019, 0.3566,
0.4785

65.1100, 0.2980,
0.2712

■ 47.8949, 0.3605,
0.5030

■ 66.3458, 0.3032,
0.2721

■ 47.0134, 0.3621,
0.5238

■ 67.6322, 0.3085,
0.2731

■ 46.2480, 0.3613,
0.5401

■ 68.9701, 0.3139,
0.2740

■ 45.5872, 0.3582,
0.5512

■ 69.3313, 0.3153,
0.2742

Harmonies

Analogous

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



56.0798, 0.3244, 0.3423



56.0798, 0.3176, 0.3425



56.0798, 0.3096, 0.3389

Triad

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



56.0798, 0.3176, 0.3425



56.0798, 0.2976, 0.3193



56.0798, 0.3230, 0.3254

Complementary

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



56.0798, 0.3176, 0.3425



51.2940, 0.3076, 0.3154

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.



56.0798, 0.3157, 0.3194



56.0798, 0.3176, 0.3425



56.0798, 0.3011, 0.3158

Square

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



56.0798, 0.3176, 0.3425



56.0798, 0.2981, 0.3254



56.0798, 0.3077, 0.3159



56.0798, 0.3276, 0.3323

Rectangle

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



56.0798, 0.3176, 0.3425



56.0798, 0.3046, 0.3349



56.0798, 0.3077, 0.3159



56.0798, 0.3208, 0.3232

Sweetspot

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



56.0822, 0.3176, 0.3425



99.3246, 0.3145, 0.3339



53.4059, 0.3215, 0.3337



21.2666, 0.3144, 0.3336



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.



56.0822, 0.3176, 0.3425



97.6886, 0.3190, 0.3464



55.3829, 0.3134, 0.3427



12.2896, 0.3193, 0.3474



29.1874, 0.3572, 0.5546



1.4220, 0.3703, 0.5442

Inverse Universe

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



51.2940, 0.3076, 0.3154



87.0483, 0.3061, 0.3114



52.0046, 0.3120, 0.3156



10.8771, 0.3057, 0.3104



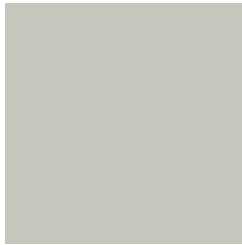
3.5984, 0.1799, 0.0765



0.2113, 0.2042, 0.0898

Previews

White Background



This preview shows how the Yxy color 56.0798, 0.3176, 0.3425 looks on a white background.

Color Contrast Check

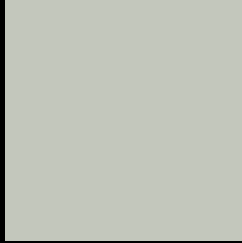
Large Text (above 18pt) WCAG AA × Fail

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 56.0798, 0.3176, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

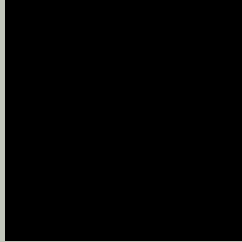
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

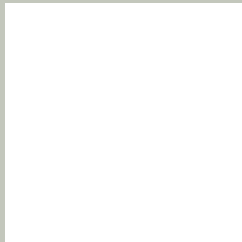
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.0798, 0.3176, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 56.0798, 0.3176, 0.3425.

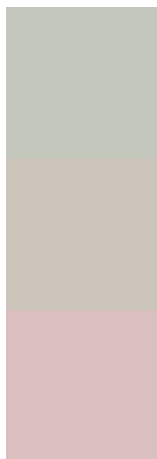


This preview shows how white text looks on a background with the Yxy color 56.0798, 0.3176, 0.3425.

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

56.0798, 0.3176, 0.3425

Protanopia

56.2169, 0.3250, 0.3411

Deuteranopia

56.0394, 0.3367, 0.3302



Tritanopia

56.1888, 0.3034, 0.3112

Trichromacy



Original Color

56.0798, 0.3176, 0.3425

Protanomaly

56.2554, 0.3224, 0.3424

Deuteranomaly

55.9593, 0.3296, 0.3350

Tritanomaly

56.1146, 0.3084, 0.3218

Monochromacy



Original Color

56.0798, 0.3176, 0.3425

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0190, 0.3141, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0798, 0.3176, 0.3425 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(195, 199, 188)` looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 188)  
}
```

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(195, 199, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 188) }
```

Border

The CSS property to change the border of an element to Yxy 56.0798, 0.3176, 0.3425 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(195, 199, 188) }
```

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

```
.border{ border-color:rgb(195, 199, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 188);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0798, 0.3176, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 188) }
```

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

```
.background{ background-color: rgb(195,  
199, 188) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor