

Converting Colors

Yxy(56.7486, 0.3184, 0.3328)

Have a look what the booklet for
Yxy(56.7486, 0.3184, 0.3328)
contains.

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Color

Yxy(56.8849, 0.3181, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	CAC6C3
RGB	202, 198, 195
RGB Percent	79%, 78%, 76%
CMY	0.2078, 0.2235, 0.2353
CMYK	0.00, 0.02, 0.03, 0.21
HSL	26°, 6%, 78%
HSV	26°, 3%, 79%
XYZ	54.4050, 56.8849, 59.7411
YIQ	198.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

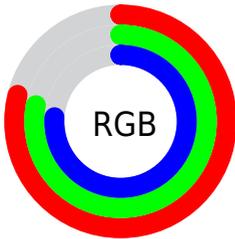
Format	Color
R _Y B	202, 200, 195
Decimal	13289155
CIE Lab	80.11, 0.86, 1.98
CIE LCh	80, 2.161, 66.543
Yxy	56.8849, 0.3181, 0.3326
Android (android.graphics.Color)	4291479235 (0xFFCAC6C3)
YUV	198.8540, -1.9000, 2.7590
Hunter-Lab	75.4221, -3.2295, 5.8324

Details

The Yxy color **56.8849, 0.3181, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7227, 0.3074, 0.3254**, and the grayscale version is **57.0324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **28.1655, 0.3199, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **50.9467, 0.3352, 0.3434**, and if you desaturate by 10%, it is **63.3556, 0.3033, 0.3225**.

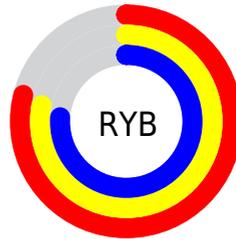
Distribution



Red (79%)

Green (78%)

Blue (76%)



Red (79%)

Yellow (78%)

Blue (76%)

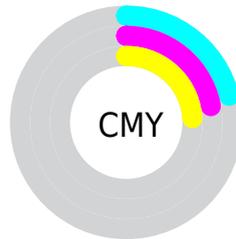


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (21%)



Cyan (21%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8849, 0.3181, 0.3326 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 56.8849, 0.3181, 0.3326 by changing the saturation by 10% instead.

■ 56.8849, 0.3181,
0.3326

■ 56.8849, 0.3181,
0.3326

413.0179, 0.3155,
0.3309

■ 40.9128, 0.3187,
0.3330

100.2972, 0.3172,
0.3320

■ 28.2510, 0.3195,
0.3335

128.5063, 0.3168,
0.3318

■ 18.5149, 0.3205,
0.3342

161.5631, 0.3165,
0.3316

■ 11.3203, 0.3219,
0.3351

199.8521, 0.3163,
0.3314

■ 6.2827, 0.3240,
0.3364

243.7577, 0.3160,
0.3312

■ 3.0177, 0.3271,
0.3385

293.6643, 0.3158,

■ 1.1410, 0.3326,

0.3311

349.9562, 0.3157,
0.3310

0.3420

0.0127, 0.7224,
0.2776

0.0000, 0.0000,
0.0000

56.8849, 0.3181,
0.3326

56.8849, 0.3181,
0.3326

50.9467, 0.3352,
0.3434

63.3556, 0.3033,
0.3225

45.5197, 0.3551,
0.3548

70.3646, 0.2906,
0.3131

40.5917, 0.3778,
0.3665

77.8883, 0.2800,
0.3052

36.1476, 0.4034,
0.3779

84.6426, 0.2809,
0.3176

■ 32.1711, 0.4318,
0.3882

■ 91.2992, 0.2816,
0.3289

■ 28.6450, 0.4622,
0.3965

■ 25.5509, 0.4930,
0.4014

■ 22.8685, 0.5225,
0.4017

■ 20.5753, 0.5481,
0.3967

Harmonies

Analogous

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



56.8849, 0.3181, 0.3305



56.8849, 0.3181, 0.3326



56.8849, 0.3167, 0.3338

Triad

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



56.8849, 0.3181, 0.3326



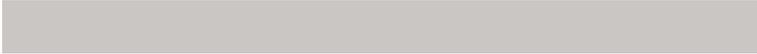
56.8849, 0.3089, 0.3301



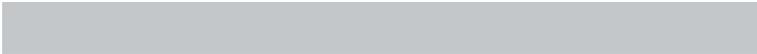
56.8849, 0.3112, 0.3244

Complementary

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



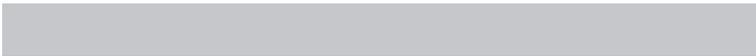
56.8849, 0.3181, 0.3326



56.7227, 0.3074, 0.3254

Split Complementary

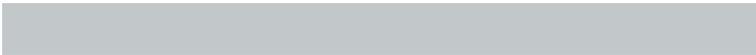
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.8849, 0.3088, 0.3243



56.8849, 0.3181, 0.3326



56.8849, 0.3074, 0.3276

Square

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



56.8849, 0.3181, 0.3326



56.8849, 0.3114, 0.3324



56.8849, 0.3074, 0.3254



56.8849, 0.3141, 0.3257

Rectangle

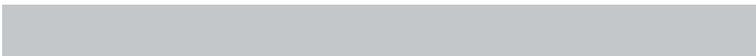
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8849, 0.3181, 0.3326



56.8849, 0.3151, 0.3339



56.8849, 0.3074, 0.3254



56.8849, 0.3103, 0.3242

Sweetspot

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



56.8874, 0.3181, 0.3326



98.9088, 0.3143, 0.3300



55.7171, 0.3153, 0.3241



21.1821, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



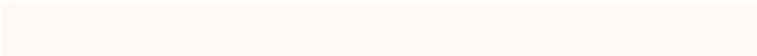
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.8874, 0.3181, 0.3326



95.6904, 0.3190, 0.3332



58.4752, 0.3178, 0.3367



12.6248, 0.3201, 0.3339



12.5666, 0.5605, 0.3931



0.7978, 0.5263, 0.4203

Inverse Universe

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



56.7227, 0.3074, 0.3254



95.3664, 0.3066, 0.3248



55.1599, 0.3076, 0.3212



12.5751, 0.3056, 0.3241



10.9115, 0.1844, 0.1839



0.7116, 0.1931, 0.2150

Previews

White Background



This preview shows how the Yxy color 56.8849, 0.3181, 0.3326 looks on a white background.

Color Contrast Check

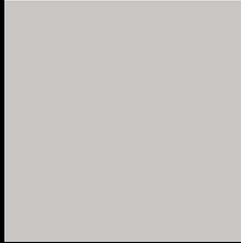
Large Text (above 18pt) WCAG AA × Fail

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 56.8849, 0.3181, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

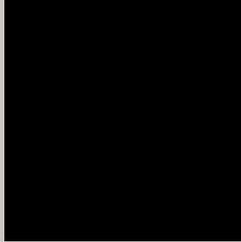
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

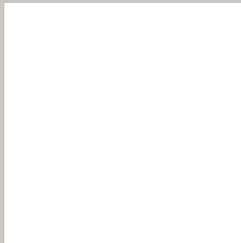
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8849, 0.3181, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 56.8849, 0.3181, 0.3326.



This preview shows how white text looks on a background with the Yxy color 56.8849, 0.3181, 0.3326.

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

56.8849, 0.3181, 0.3326

Protanopia

57.0248, 0.3189, 0.3326

Deuteranopia

56.7449, 0.3318, 0.3245



Tritanopia

57.0204, 0.3081, 0.3114

Trichromacy



Original Color

56.8849, 0.3181, 0.3326

Protanomaly

57.0248, 0.3189, 0.3326

Deuteranomaly

56.7152, 0.3266, 0.3267

Tritanomaly

57.0368, 0.3116, 0.3196

Monochromacy



Original Color

56.8849, 0.3181, 0.3326

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 56.8849, 0.3181, 0.3326 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(202, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 195)  
}
```

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(202, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 56.8849, 0.3181, 0.3326 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(202, 198, 195) }
```

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

```
.border{ border-color:rgb(202, 198, 195) }
```

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

Here you see how a box with a 4 pixel rgb(202, 198, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 195);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
195) }
```

Background

The CSS property to change the background color of an element to Yxy 56.8849, 0.3181, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 195) }
```

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

```
.background{ background-color: rgb(202,  
198, 195) }
```

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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