

Converting Colors

$Yxy(55.5593, 0.3289, 0.3326)$

Have a look what the booklet for
Yxy(55.5593, 0.3289, 0.3326)
contains.

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Color

Yxy(55.5593, 0.3289, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	D2C1BE
RGB	210, 193, 190
RGB Percent	82%, 76%, 75%
CMY	0.1765, 0.2431, 0.2549
CMYK	0.00, 0.08, 0.10, 0.18
HSL	9°, 18%, 78%
HSV	9°, 10%, 82%
XYZ	54.9412, 55.5593, 56.5449
YIQ	197.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

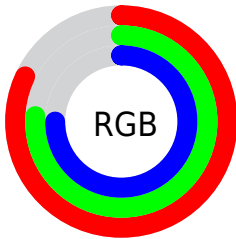
Format	Color
R _Y B	210, 194, 190
Decimal	13812158
CIE Lab	79.36, 5.46, 3.66
CIE LCh	79, 6.576, 33.813
Yxy	55.5593, 0.3289, 0.3326
Android (android.graphics.Color)	4292002238 (0xFFD2C1BE)
YUV	197.7410, -3.8163, 10.7511
Hunter-Lab	74.5381, 1.1287, 7.1991

Details

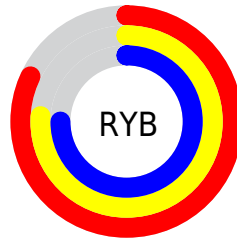
The Yxy color **55.5593, 0.3289, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2213, 0.2981, 0.3254**, and the grayscale version is **56.3260, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6652, 0.3183, 0.3319**, and **27.5309, 0.3323, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **47.2890, 0.3495, 0.3367**, and if you desaturate by 10%, it is **64.9187, 0.3120, 0.3288**.

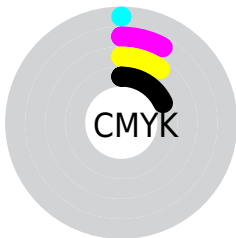
Distribution



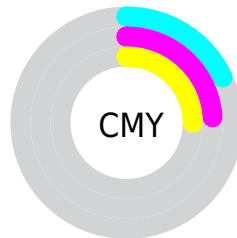
- Red (82%)
- Green (76%)
- Blue (75%)



- Red (82%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5593, 0.3289, 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 55.5593, 0.3289, 0.3326 by changing the saturation by 10% instead.

 55.5593, 0.3289,
0.3326

 55.5593, 0.3289,
0.3326


408.0286, 0.3210,
0.3309

 39.8497, 0.3308,
0.3330


 98.3599, 0.3261,
0.3320

 27.4214, 0.3332,
0.3335


126.2198, 0.3250,
0.3318

 17.8899, 0.3364,
0.3341


158.8984, 0.3241,
0.3316

 10.8710, 0.3407,
0.3349

196.7804, 0.3233,
0.3314

 5.9802, 0.3470,
0.3361

240.2500, 0.3226,
0.3313

 2.8330, 0.3568,
0.3378

289.6916, 0.3220,

 1.0452, 0.3748,

0.3311

0.3407

345.4897, 0.3215,
0.3310

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5593, 0.3289,
0.3326

55.5593, 0.3289,
0.3326

47.2890, 0.3495,
0.3367

64.9187, 0.3120,
0.3288

40.0611, 0.3747,
0.3409

75.3973, 0.2981,
0.3254

33.8363, 0.4049,
0.3450

87.0330, 0.2867,
0.3222

28.5701, 0.4406,
0.3488

92.4407, 0.2860,
0.3289

■ 24.2145, 0.4812,
0.3515

■ 20.7174, 0.5245,
0.3525

■ 18.0214, 0.5665,
0.3510

■ 16.0617, 0.6017,
0.3467

■ 14.7582, 0.6258,
0.3407

Harmonies

Analogous

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



55.5593, 0.3239, 0.3250



55.5593, 0.3289, 0.3326



55.5593, 0.3295, 0.3394

Triad

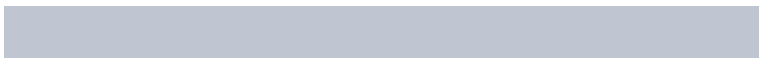
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5593, 0.3289, 0.3326



55.5593, 0.3093, 0.3399



55.5593, 0.3000, 0.3147

Complementary

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



55.5593, 0.3289, 0.3326



60.2213, 0.2981, 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.



55.5593, 0.2963, 0.3184



55.5593, 0.3289, 0.3326



55.5593, 0.3016, 0.3330

Square

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



55.5593, 0.3289, 0.3326



55.5593, 0.3181, 0.3437



55.5593, 0.2968, 0.3251



55.5593, 0.3072, 0.3148

Rectangle

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



55.5593, 0.3289, 0.3326



55.5593, 0.3273, 0.3425



55.5593, 0.2968, 0.3251



55.5593, 0.2983, 0.3155

Sweetspot

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



55.5617, 0.3289, 0.3326



95.4394, 0.3175, 0.3301



55.0340, 0.3161, 0.3092



20.1728, 0.3189, 0.3304



0.0000, 0.0000, 0.0000



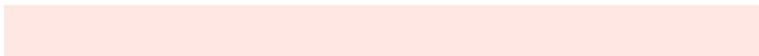
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5617, 0.3289, 0.3326



84.0473, 0.3319, 0.3332



60.1291, 0.3276, 0.3443



12.0908, 0.3287, 0.3326



9.0654, 0.6249, 0.3420



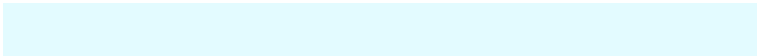
0.6004, 0.5940, 0.3665

Inverse Universe

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



60.2213, 0.2981, 0.3254



92.4031, 0.2957, 0.3247



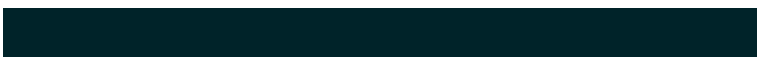
55.5331, 0.2980, 0.3133



13.0917, 0.2983, 0.3254



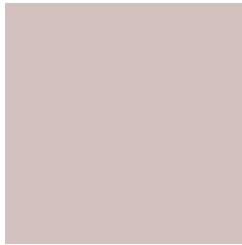
22.4869, 0.2114, 0.2809



1.3414, 0.2141, 0.2906

Previews

White Background



This preview shows how the Yxy color 55.5593, 0.3289, 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 55.5593, 0.3289, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

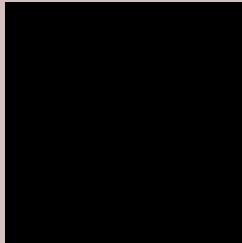
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5593, 0.3289, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 55.5593, 0.3289, 0.3326.



This preview shows how white text looks on a background with the Yxy color 55.5593, 0.3289, 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

55.5593, 0.3289, 0.3326

Protanopia

55.7031, 0.3197, 0.3338

Deuteranopia

55.4939, 0.3352, 0.3279



Tritanopia

55.7149, 0.3184, 0.3116

Trichromacy



Original Color

55.5593, 0.3289, 0.3326

Protanomaly

55.6292, 0.3230, 0.3338

Deuteranomaly

55.4703, 0.3326, 0.3291

Tritanomaly

55.7183, 0.3221, 0.3197

Monochromacy



Original Color

55.5593, 0.3289, 0.3326

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.9765, 0.3182, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5593, 0.3289, 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(210, 193, 190)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 190)  
}
```

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(210, 193, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.5593, 0.3289, 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(210, 193, 190) }
```

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

```
.border{ border-color:rgb(210, 193, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 193, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 193, 190); box-shadow:4px 4px 4px 4px rgb(210, 193, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5593, 0.3289, 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(210, 193, 190) }
```

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

```
.background{ background-color: rgb(210,  
193, 190) }
```

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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