

Converting Colors

Yxy(56.1153, 0.3347, 0.3457)

Have a look what the booklet for
Yxy(56.1153, 0.3347, 0.3457)
contains.

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Color

Yxy(55.9217, 0.3348, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3B5
RGB	209, 195, 181
RGB Percent	82%, 76%, 71%
CMY	0.1805, 0.2352, 0.2902
CMYK	0.00, 0.07, 0.13, 0.18
HSL	30°, 23%, 76%
HSV	30°, 13%, 82%
XYZ	54.1428, 55.9217, 51.6524
YIQ	197.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

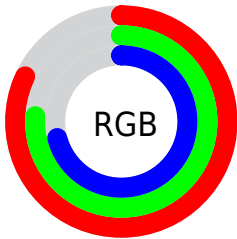
Format	Color
RYB	209, 209, 181
Decimal	13747125
CIELab	79.57, 2.54, 8.79
CIELCh	80, 9.154, 73.863
Yxy	55.9217, 0.3348, 0.3458
Android (android.graphics.Color)	4291937205 (0xFFD1C3B5)
YUV	197.5900, -8.1789, 10.0066
Hunter-Lab	74.7808, -1.6288, 11.3940

Details

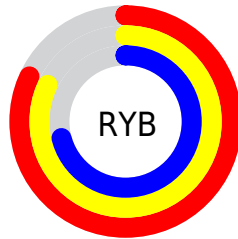
The Yxy color **55.9217, 0.3348, 0.3458** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4314, 0.2920, 0.3116**, and the grayscale version is **56.2538, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9952, 0.3235, 0.3435**, and **27.4783, 0.3406, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **50.6203, 0.3540, 0.3591**, and if you desaturate by 10%, it is **61.6828, 0.3179, 0.3331**.

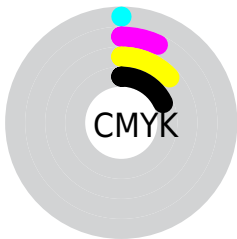
Distribution



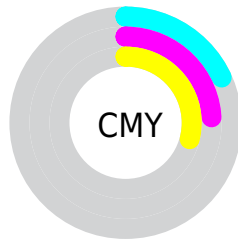
- Red (82%)
- Green (76%)
- Blue (71%)



- Red (82%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9217, 0.3348, 0.3458 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 55.9217, 0.3348, 0.3458 by changing the saturation by 10% instead.

 55.9217, 0.3348,
0.3458

 55.9217, 0.3348,
0.3458

409.3964, 0.3241,
0.3377

 40.1401, 0.3374,
0.3477


 98.8901, 0.3310,
0.3429

 27.6478, 0.3407,
0.3502


126.8457, 0.3295,
0.3418

 18.0604, 0.3450,
0.3533


159.6281, 0.3283,
0.3409

 10.9933, 0.3508,
0.3576

197.6218, 0.3272,
0.3401

 6.0624, 0.3592,
0.3636

241.2110, 0.3263,
0.3394

 2.8830, 0.3722,
0.3727

290.7803, 0.3254,

 1.0710, 0.4038,

0.3388

0.3967

346.7139, 0.3247,
0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9217, 0.3348,
0.3458

55.9217, 0.3348,
0.3458

50.6203, 0.3540,
0.3591

61.6828, 0.3179,
0.3331

45.7589, 0.3757,
0.3727

67.9078, 0.3032,
0.3212

41.3269, 0.3997,
0.3859

74.6107, 0.2904,
0.3102

37.3106, 0.4258,
0.3981

81.1695, 0.2844,
0.3097

■ 33.6955, 0.4531,
0.4081

■ 87.3715, 0.2850,
0.3208

■ 30.4656, 0.4805,
0.4146

■ 92.2908, 0.2855,
0.3289

■ 27.6037, 0.5062,
0.4165

■ 25.0899, 0.5285,
0.4129

■ 23.6016, 0.5415,
0.4082

Harmonies

Analogous

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



55.9217, 0.3362, 0.3373



55.9217, 0.3348, 0.3458



55.9217, 0.3274, 0.3500

Triad

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



55.9217, 0.3348, 0.3458



55.9217, 0.2945, 0.3308



55.9217, 0.3090, 0.3106

Complementary

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



55.9217, 0.3348, 0.3458



53.4314, 0.2920, 0.3116

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.



55.9217, 0.2980, 0.3086



55.9217, 0.3348, 0.3458



55.9217, 0.2898, 0.3200

Square

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



55.9217, 0.3348, 0.3458



55.9217, 0.3041, 0.3413



55.9217, 0.2910, 0.3120



55.9217, 0.3212, 0.3172

Rectangle

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



55.9217, 0.3348, 0.3458



55.9217, 0.3201, 0.3496



55.9217, 0.2910, 0.3120



55.9217, 0.3051, 0.3093

Sweetspot

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



55.9242, 0.3348, 0.3458



96.1573, 0.3190, 0.3339



50.5354, 0.3255, 0.3124



20.4298, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



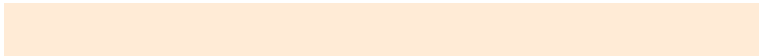
21.4041, 0.3127, 0.3290

Same Dimension

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



55.9242, 0.3348, 0.3458



85.3419, 0.3399, 0.3495



62.4725, 0.3326, 0.3619



12.7733, 0.3278, 0.3407



14.7541, 0.5393, 0.4100



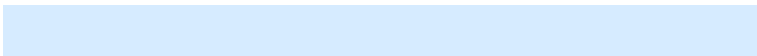
0.9837, 0.5115, 0.4320

Inverse Universe

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



53.4314, 0.2920, 0.3116



80.7053, 0.2875, 0.3076



47.4703, 0.2915, 0.2939



12.3779, 0.2982, 0.3170



9.1700, 0.1774, 0.1585



0.6714, 0.1866, 0.1919

Previews

White Background



This preview shows how the Yxy color 55.9217, 0.3348, 0.3458 looks on a white background.

Color Contrast Check

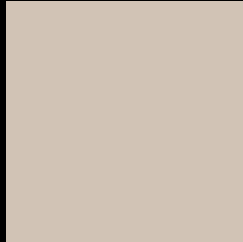
Large Text (above 18pt) WCAG AA × Fail

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 55.9217, 0.3348, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

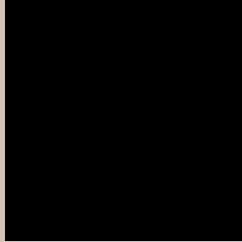
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

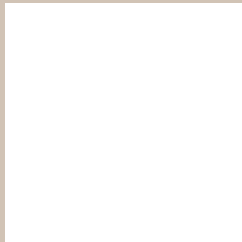
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9217, 0.3348, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 55.9217, 0.3348, 0.3458.



This preview shows how white text looks on a background with the Yxy color 55.9217, 0.3348, 0.3458.

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

55.9217, 0.3348, 0.3458

Protanopia

55.6946, 0.3297, 0.3460

Deuteranopia

55.7339, 0.3459, 0.3383



Tritanopia

55.7149, 0.3184, 0.3116

Trichromacy



Original Color

55.9217, 0.3348, 0.3458

Protanomaly

55.9791, 0.3314, 0.3459

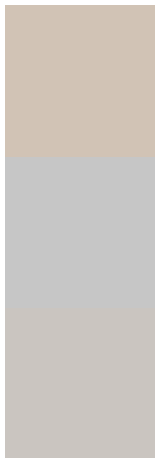
Deuteranomaly

55.8284, 0.3413, 0.3408

Tritanomaly

55.5794, 0.3244, 0.3232

Monochromacy



Original Color

55.9217, 0.3348, 0.3458

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.2948, 0.3204, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9217, 0.3348, 0.3458 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(209, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 181)  
}
```

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(209, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 181) }
```

Border

The CSS property to change the border of an element to Yxy 55.9217, 0.3348, 0.3458 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(209, 195, 181) }
```

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

```
.border{ border-color:rgb(209, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9217, 0.3348, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 181) }
```

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

```
.background{ background-color: rgb(209,  
195, 181) }
```

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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