

Converting Colors

Yxy(55.7354, 0.3348, 0.3470)

Have a look what the booklet for
Yxy(55.7354, 0.3348, 0.3470)
contains.

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Color

Yxy(55.7354, 0.3348, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	D0C3B4
RGB	208, 195, 180
RGB Percent	82%, 76%, 71%
CMY	0.1841, 0.2353, 0.2941
CMYK	0.00, 0.06, 0.13, 0.18
HSL	32°, 23%, 76%
HSV	32°, 13%, 82%
XYZ	53.7758, 55.7354, 51.1095
YIQ	197.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

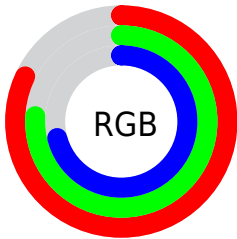
Format	Color
R _Y B	204, 208, 180
Decimal	13681588
CIE Lab	79.46, 2.06, 9.16
CIE LCh	79, 9.388, 77.302
Yxy	55.7354, 0.3348, 0.3470
Android (android.graphics.Color)	4291871668 (0xFFD0C3B4)
YUV	197.1770, -8.4683, 9.4918
Hunter-Lab	74.6561, -2.0723, 11.6694

Details

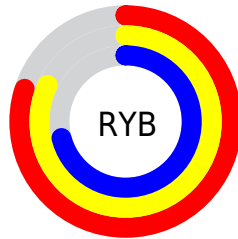
The Yxy color **55.7354, 0.3348, 0.3470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4307, 0.2918, 0.3103**, and the grayscale version is **55.9985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9369, 0.3241, 0.3445**, and **27.3544, 0.3405, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **50.7509, 0.3537, 0.3611**, and if you desaturate by 10%, it is **61.1339, 0.3180, 0.3335**.

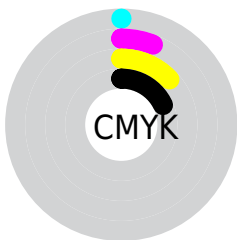
Distribution



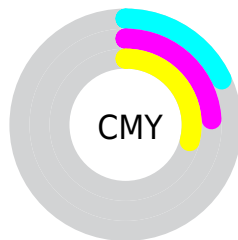
- Red (82%)
- Green (76%)
- Blue (71%)



- Red (80%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (18%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7354, 0.3348, 0.3470 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 55.7354, 0.3348, 0.3470 by changing the saturation by 10% instead.


 55.7354, 0.3348,
0.3470

 55.7354, 0.3348,
0.3470

408.6936, 0.3241,
0.3383

 39.9908, 0.3374,
0.3491


 98.6176, 0.3310,
0.3439

 27.5314, 0.3407,
0.3517


126.5240, 0.3295,
0.3427

 17.9727, 0.3450,
0.3551


159.2531, 0.3283,
0.3417

 10.9304, 0.3508,
0.3597

197.1894, 0.3272,
0.3409

 6.0200, 0.3592,
0.3662

240.7172, 0.3263,
0.3401

 2.8573, 0.3722,
0.3761

290.2209, 0.3254,

 1.0577, 0.4056,

0.3394

0.4035

346.0849, 0.3247,
0.3388

0.0000, 0.0000,
0.0000

55.7354, 0.3348,
0.3470

55.7354, 0.3348,
0.3470

50.7509, 0.3537,
0.3611

61.1339, 0.3180,
0.3335

46.1619, 0.3749,
0.3755

66.9494, 0.3033,
0.3208

41.9595, 0.3982,
0.3896

73.1944, 0.2905,
0.3091

38.1314, 0.4233,
0.4025

79.3370, 0.2837,
0.3065

34.6645, 0.4493,
0.4132

84.9976, 0.2843,
0.3169

■ 31.5447, 0.4750,
0.4204

■ 90.9644, 0.2848,
0.3270

■ 28.7564, 0.4990,
0.4229

■ 92.1564, 0.2849,
0.3289

■ 26.2816, 0.5198,
0.4201

■ 24.8195, 0.5317,
0.4160

Harmonies

Analogous

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



55.7354, 0.3371, 0.3387



55.7354, 0.3348, 0.3470



55.7354, 0.3266, 0.3507

Triad

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



55.7354, 0.3348, 0.3470



55.7354, 0.2932, 0.3295



55.7354, 0.3104, 0.3106

Complementary

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



55.7354, 0.3348, 0.3470



52.4307, 0.2918, 0.3103

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.



55.7354, 0.2988, 0.3080



55.7354, 0.3348, 0.3470



55.7354, 0.2890, 0.3186

Square

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



55.7354, 0.3348, 0.3470



55.7354, 0.3025, 0.3405



55.7354, 0.2910, 0.3108



55.7354, 0.3228, 0.3179

Rectangle

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



55.7354, 0.3348, 0.3470



55.7354, 0.3189, 0.3498



55.7354, 0.2910, 0.3108



55.7354, 0.3062, 0.3092

Sweetspot

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



55.7379, 0.3348, 0.3470



96.3669, 0.3190, 0.3343



49.9183, 0.3263, 0.3133



20.4828, 0.3202, 0.3353



0.0000, 0.0000, 0.0000



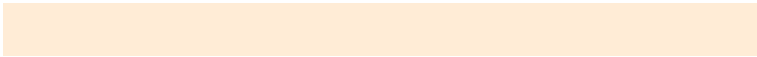
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7379, 0.3348, 0.3470



86.1157, 0.3397, 0.3508



61.7107, 0.3320, 0.3622



12.8392, 0.3277, 0.3414



15.6569, 0.5297, 0.4176



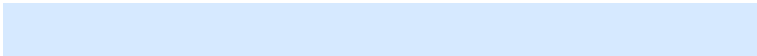
1.0335, 0.5041, 0.4379

Inverse Universe

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



52.4307, 0.2918, 0.3103



79.9379, 0.2874, 0.3062



47.0211, 0.2921, 0.2937



12.3123, 0.2982, 0.3163



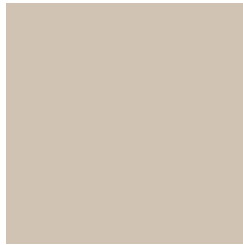
8.3411, 0.1744, 0.1477



0.6245, 0.1841, 0.1825

Previews

White Background



This preview shows how the Yxy color 55.7354, 0.3348, 0.3470 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 55.7354, 0.3348, 0.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

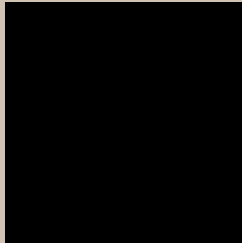
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

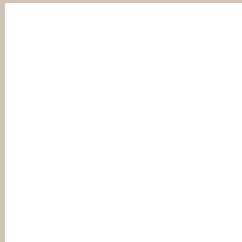
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7354, 0.3348, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 55.7354, 0.3348, 0.3470.



This preview shows how white text looks on a background with the Yxy color 55.7354, 0.3348, 0.3470.

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

55.7354, 0.3348, 0.3470

Protanopia

55.6534, 0.3305, 0.3472

Deuteranopia

55.6927, 0.3467, 0.3395



Tritanopia

55.7149, 0.3184, 0.3116

Trichromacy



Original Color

55.7354, 0.3348, 0.3470

Protanomaly

55.7952, 0.3313, 0.3471

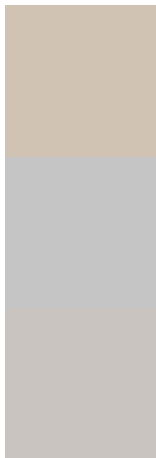
Deuteranomaly

55.7872, 0.3421, 0.3420

Tritanomaly

55.5794, 0.3244, 0.3232

Monochromacy



Original Color

55.7354, 0.3348, 0.3470

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.6590, 0.3204, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7354, 0.3348, 0.3470 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(208, 195, 180)` looks like.

```
.text, #text, p{  
    color:rgb(208, 195, 180)  
}
```

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(208, 195, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 195, 180) }
```

Border

The CSS property to change the border of an element to Yxy 55.7354, 0.3348, 0.3470 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(208, 195, 180) }
```

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

```
.border{ border-color:rgb(208, 195, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 195, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 195, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 195, 180);  
box-shadow:4px 4px 4px 4px rgb(208, 195,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7354, 0.3348, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 195, 180) }
```

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

```
.background{ background-color: rgb(208,  
195, 180) }
```

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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