

Converting Colors

Yxy(55.2481, 0.3667, 0.3879)

Have a look what the booklet for
Yxy(55.2481, 0.3667, 0.3879)
contains.

Yxy(55.4017, 0.3668, 0.3875)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.4017, 0.3668, 0.3875)

Conversions

Conversions Part 1

Format	Color
Hex	D6C392
RGB	214, 195, 146
RGB Percent	84%, 76%, 57%
CMY	0.1607, 0.2353, 0.4274
CMYK	0.00, 0.09, 0.32, 0.16
HSL	43°, 45%, 71%
HSV	43°, 32%, 84%
XYZ	52.4422, 55.4017, 35.1283
YIQ	195.0950, 27.0530, -11.2110

Conversions

Conversions Part 2

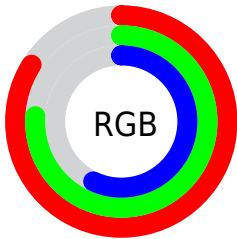
Format	Color
R _Y B	172, 214, 146
Decimal	14074770
CIE Lab	79.27, -0.56, 27.09
CIE LCh	79, 27.097, 91.186
Yxy	55.4017, 0.3668, 0.3875
Android (android.graphics.Color)	4292264850 (0xFFD6C392)
YUV	195.0950, -24.2038, 16.5797
Hunter-Lab	74.4323, -4.4923, 24.1208

Details

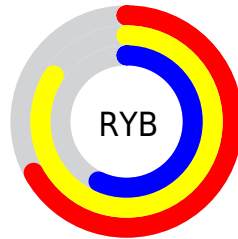
The Yxy color **55.4017, 0.3668, 0.3875** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8965, 0.2595, 0.2626**, and the grayscale version is **54.7715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4245, 0.3462, 0.3793**, and **27.1451, 0.3803, 0.4019** is the 20% darker color. If you saturate the color by 10%, you get **52.1686, 0.3861, 0.4059**, and if you desaturate by 10%, it is **58.8722, 0.3484, 0.3686**.

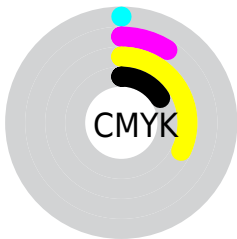
Distribution



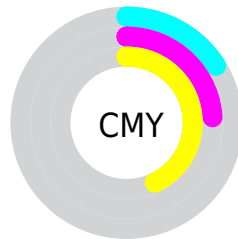
- Red (84%)
- Green (76%)
- Blue (57%)



- Red (67%)
- Yellow (84%)
- Blue (57%)



- Cyan (0%)
- Magenta (9%)
- Yellow (32%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4017, 0.3668, 0.3875 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 55.4017, 0.3668, 0.3875 by changing the saturation by 10% instead.


 55.4017, 0.3668,
0.3875

 55.4017, 0.3668,
0.3875


407.4328, 0.3408,
0.3593

 39.7234, 0.3729,
0.3941


 98.1293, 0.3576,
0.3775

 27.3230, 0.3805,
0.4024


 125.9473, 0.3541,
0.3737

 17.8159, 0.3902,
0.4130


158.5808, 0.3511,
0.3704

 10.8179, 0.4028,
0.4268

196.4141, 0.3485,
0.3676

 5.9445, 0.4197,
0.4454

239.8315, 0.3462,
0.3651

 2.8114, 0.4492,
0.4779

289.2175, 0.3442,

 1.0341, 0.4834,

0.3630

0.5166

344.9565, 0.3424,
0.3610

0.0000, 0.0000,
0.0000

55.4017, 0.3668,
0.3875

55.4017, 0.3668,
0.3875

52.1686, 0.3861,
0.4059

58.8722, 0.3484,
0.3686

49.1572, 0.4057,
0.4231

62.5802, 0.3312,
0.3500

46.3610, 0.4249,
0.4379


66.5355, 0.3154,
0.3321

43.7702, 0.4428,
0.4493

70.7448, 0.3010,
0.3152

41.3737, 0.4585,
0.4564

75.2146, 0.2881,
0.2994


 39.1583, 0.4713,
0.4585

 78.6356, 0.2872,
0.3038

 37.4552, 0.4799,
0.4572

 82.0451, 0.2875,
0.3102

 85.5704, 0.2878,
0.3164

 89.2126, 0.2880,
0.3227

Harmonies

Analogous

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



55.4017, 0.3830, 0.3669



55.4017, 0.3668, 0.3875



55.4017, 0.3363, 0.3927

Triad

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



55.4017, 0.3668, 0.3875



55.4017, 0.2502, 0.3134



55.4017, 0.3219, 0.2861

Complementary

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



55.4017, 0.3668, 0.3875



37.8965, 0.2595, 0.2626

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.



55.4017, 0.2865, 0.2725



55.4017, 0.3668, 0.3875



55.4017, 0.2468, 0.2861

Square

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



55.4017, 0.3668, 0.3875



55.4017, 0.2694, 0.3479



55.4017, 0.2596, 0.2721



55.4017, 0.3565, 0.3097

Rectangle

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



55.4017, 0.3668, 0.3875



55.4017, 0.3125, 0.3852



55.4017, 0.2596, 0.2721



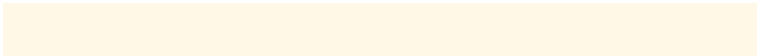
55.4017, 0.3097, 0.2803

Sweetspot

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



55.4042, 0.3668, 0.3875



93.9960, 0.3284, 0.3469



37.5894, 0.3644, 0.3055



19.9449, 0.3308, 0.3495



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.



55.4042, 0.3668, 0.3875



79.1536, 0.3795, 0.3998



62.3664, 0.3486, 0.4111



13.9050, 0.3273, 0.3457



22.8158, 0.4788, 0.4580



1.5126, 0.4662, 0.4680

Inverse Universe

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



37.8965, 0.2595, 0.2626



49.2888, 0.2474, 0.2460



32.9694, 0.2685, 0.2388



12.5689, 0.2982, 0.3117



5.0333, 0.1600, 0.0961



0.4432, 0.1696, 0.1306

Previews

White Background



This preview shows how the Yxy color 55.4017, 0.3668, 0.3875 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 55.4017, 0.3668, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

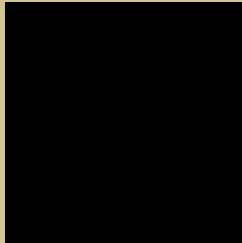
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4017, 0.3668, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 55.4017, 0.3668, 0.3875.



This preview shows how white text looks on a background with the Yxy color 55.4017, 0.3668, 0.3875.

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

55.4017, 0.3668, 0.3875

Protanopia

55.4353, 0.3630, 0.3880

Deuteranopia

55.0619, 0.3836, 0.3758



Tritanopia

55.6029, 0.3292, 0.3131

Trichromacy



Original Color

55.4017, 0.3668, 0.3875

Protanomaly

55.5835, 0.3639, 0.3878

Deuteranomaly

55.3757, 0.3771, 0.3800

Tritanomaly

55.5444, 0.3423, 0.3396

Monochromacy



Original Color

55.4017, 0.3668, 0.3875

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.7611, 0.3321, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4017, 0.3668, 0.3875 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(214, 195, 146)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 146)  
}
```

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(214, 195, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.4017, 0.3668, 0.3875 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(214, 195, 146) }
```

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

```
.border{ border-color:rgb(214, 195, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 146);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4017, 0.3668, 0.3875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 146) }
```

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

```
.background{ background-color: rgb(214,  
195, 146) }
```

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