

Converting Colors

Yxy(55.7641, 0.3655, 0.3805)

Have a look what the booklet for
Yxy(55.7641, 0.3655, 0.3805)
contains.

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Color

Yxy(55.5697, 0.3658, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	D9C297
RGB	217, 194, 151
RGB Percent	85%, 76%, 59%
CMY	0.1490, 0.2392, 0.4079
CMYK	0.00, 0.11, 0.30, 0.15
HSL	39°, 46%, 72%
HSV	39°, 30%, 85%
XYZ	53.4931, 55.5697, 37.1732
YIQ	195.9750, 27.5110, -8.4970

Conversions

Conversions Part 2

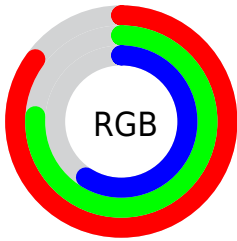
Format	Color
R _Y B	186, 217, 151
Decimal	14271127
CIE Lab	79.37, 1.75, 24.65
CIE LCh	79, 24.707, 85.948
Yxy	55.5697, 0.3658, 0.3800
Android (android.graphics.Color)	4292461207 (0xFFD9C297)
YUV	195.9750, -22.1727, 18.4389
Hunter-Lab	74.5451, -2.3633, 22.6156

Details

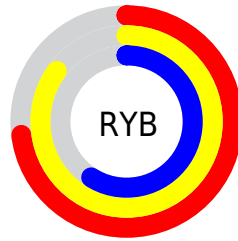
The Yxy color **55.5697, 0.3658, 0.3800** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8510, 0.2627, 0.2720**, and the grayscale version is **55.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0390, 0.3433, 0.3734**, and **27.5469, 0.3787, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **51.6508, 0.3863, 0.3970**, and if you desaturate by 10%, it is **59.7946, 0.3467, 0.3627**.

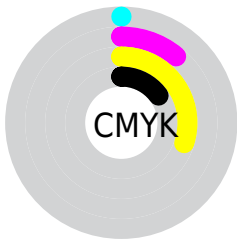
Distribution



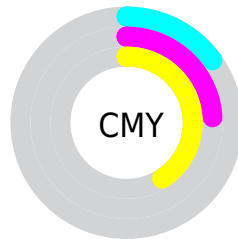
- Red (85%)
- Green (76%)
- Blue (59%)



- Red (73%)
- Yellow (85%)
- Blue (59%)



- Cyan (0%)
- Magenta (11%)
- Yellow (30%)
- Black (15%)




- Cyan (15%)
- Magenta (24%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5697, 0.3658, 0.3800 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 55.5697, 0.3658, 0.3800 by changing the saturation by 10% instead.


 55.5697, 0.3658,
0.3800

 55.5697, 0.3658,
0.3800


408.0679, 0.3402,
0.3555

 39.8580, 0.3719,
0.3857

 98.3752, 0.3567,
0.3714

 27.4279, 0.3795,
0.3929


 126.2377, 0.3532,
0.3681

 17.8948, 0.3892,
0.4020


158.9194, 0.3503,
0.3652

 10.8745, 0.4021,
0.4139

196.8045, 0.3477,
0.3628

 5.9825, 0.4197,
0.4299

240.2776, 0.3454,
0.3606

 2.8344, 0.4472,
0.4547

289.7229, 0.3435,

 1.0459, 0.4992,

0.3587

0.5008

345.5248, 0.3417,
0.3570

0.0000, 0.0000,
0.0000

55.5697, 0.3658,
0.3800

55.5697, 0.3658,
0.3800

51.6508, 0.3863,
0.3970

59.7946, 0.3467,
0.3627

48.0208, 0.4077,
0.4130

64.3271, 0.3292,
0.3458

44.6716, 0.4293,
0.4270


69.1781, 0.3134,
0.3297


41.5921, 0.4502,
0.4377


74.3558, 0.2992,
0.3145

38.7695, 0.4693,
0.4441


79.5761, 0.2891,
0.3048

 36.1892, 0.4855,
0.4455

 83.9195, 0.2894,
0.3128

 33.9239, 0.4983,
0.4425

 88.4481, 0.2897,
0.3207

 93.1642, 0.2900,
0.3284

 93.4931, 0.2900,
0.3289

Harmonies

Analogous

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



55.5697, 0.3775, 0.3597



55.5697, 0.3658, 0.3800



55.5697, 0.3398, 0.3873

Triad

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



55.5697, 0.3658, 0.3800



55.5697, 0.2577, 0.3202



55.5697, 0.3153, 0.2868

Complementary

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



55.5697, 0.3658, 0.3800



41.8510, 0.2627, 0.2720

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.



55.5697, 0.2838, 0.2762



55.5697, 0.3658, 0.3800



55.5697, 0.2518, 0.2936

Square

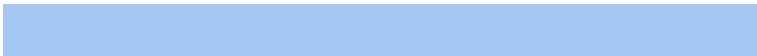
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.5697, 0.3658, 0.3800



55.5697, 0.2776, 0.3516



55.5697, 0.2611, 0.2782



55.5697, 0.3477, 0.3071

Rectangle

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



55.5697, 0.3658, 0.3800



55.5697, 0.3184, 0.3825



55.5697, 0.2611, 0.2782



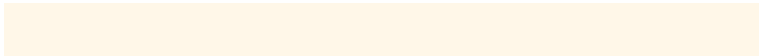
55.5697, 0.3043, 0.2820

Sweetspot

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



55.5722, 0.3658, 0.3800



93.6136, 0.3269, 0.3436



39.9375, 0.3570, 0.3013



19.8239, 0.3294, 0.3460



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.



55.5722, 0.3658, 0.3800



76.1333, 0.3798, 0.3918



65.1442, 0.3506, 0.4067



14.4605, 0.3275, 0.3442



20.7386, 0.4969, 0.4437



1.5025, 0.4810, 0.4562

Inverse Universe

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



41.8510, 0.2627, 0.2720



53.1304, 0.2504, 0.2565



34.6998, 0.2670, 0.2422



13.3554, 0.2981, 0.3133



6.3072, 0.1646, 0.1126



0.5668, 0.1738, 0.1456

Previews

White Background



This preview shows how the Yxy color 55.5697, 0.3658, 0.3800 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 55.5697, 0.3658, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

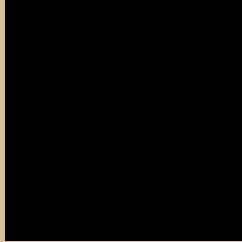
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5697, 0.3658, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 55.5697, 0.3658, 0.3800.



This preview shows how white text looks on a background with the Yxy color 55.5697, 0.3658, 0.3800.

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

55.5697, 0.3658, 0.3800

Protanopia

55.4485, 0.3583, 0.3821

Deuteranopia

55.6511, 0.3790, 0.3712



Tritanopia

55.4929, 0.3310, 0.3120

Trichromacy



Original Color

55.5697, 0.3658, 0.3800

Protanomaly

55.4433, 0.3612, 0.3805

Deuteranomaly

55.6974, 0.3739, 0.3741

Tritanomaly

55.6180, 0.3442, 0.3372

Monochromacy



Original Color

55.5697, 0.3658, 0.3800

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1629, 0.3314, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5697, 0.3658, 0.3800 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(217, 194, 151)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 151)  
}
```

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(217, 194, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 151) }
```

Border

The CSS property to change the border of an element to Yxy 55.5697, 0.3658, 0.3800 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(217, 194, 151) }
```

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

```
.border{ border-color:rgb(217, 194, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 194, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 151);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5697, 0.3658, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 151) }
```

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

```
.background{ background-color: rgb(217,  
194, 151) }
```

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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