

Converting Colors

$Yxy(55.8162, 0.3790, 0.4095)$

Have a look what the booklet for
Yxy(55.8162, 0.3790, 0.4095)
contains.

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Color

Yxy(55.8136, 0.3790, 0.4095)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6C581 |
| RGB | 214, 197, 129 |
| RGB Percent | 84%, 77%, 51% |
| CMY | 0.1609, 0.2274, 0.4940 |
| CMYK | 0.00, 0.08, 0.40, 0.16 |
| HSL | 48°, 51%, 67% |
| HSV | 48°, 40%, 84% |
| XYZ | 51.6565, 55.8136, 28.8268 |
| YIQ | 194.3310, 31.9600, -17.5440 |

Conversions

Conversions Part 2

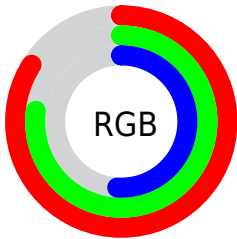
| Format | Color |
|-------------------------------------|---|
| RYB | 150, 214, 129 |
| Decimal | 14075265 |
| CIELab | 79.51, -3.63, 36.25 |
| CIElCh | 80, 36.427, 95.726 |
| Yxy | 55.8136, 0.3790, 0.4095 |
| Android (android.graphics.Color) | 4292265345 (0xFFD6C581) |
| YUV | 194.3310, -32.2082, 17.2497 |
| Hunter-Lab | 74.7085, -7.3176, 29.4185 |

Details

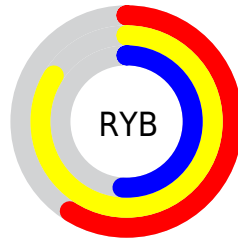
The Yxy color **55.8136, 0.3790, 0.4095** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0773, 0.2434, 0.2326**, and the grayscale version is **54.3364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5625, 0.3558, 0.3989**, and **27.4641, 0.3957, 0.4295** is the 20% darker color. If you saturate the color by 10%, you get **53.3919, 0.3967, 0.4285**, and if you desaturate by 10%, it is **58.4146, 0.3613, 0.3892**.

Distribution



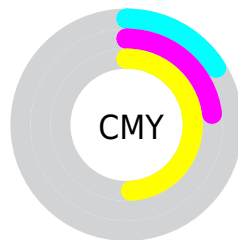
- Red (84%)
- Green (77%)
- Blue (51%)



- Red (59%)
- Yellow (84%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (16%)





- Cyan (16%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8136, 0.3790, 0.4095 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 55.8136, 0.3790, 0.4095 by changing the saturation by 10% instead.


 55.8136, 0.3790,
0.4095


 55.8136, 0.3790,
0.4095


408.9887, 0.3477,
0.3708


 40.0535, 0.3861,
0.4185


 98.7320, 0.3681,
0.3959

 27.5803, 0.3947,
0.4295


 126.6591, 0.3639,
0.3907

 18.0095, 0.4054,
0.4434


 159.4106, 0.3602,
0.3862

 10.9568, 0.4186,
0.4611

197.3709, 0.3571,
0.3823

 6.0378, 0.4345,
0.4835

240.9245, 0.3543,
0.3789

 2.8681, 0.4693,
0.5307

290.4557, 0.3518,

 1.0633, 0.4622,

0.3759

0.5378

346.3490, 0.3496,
0.3732

0.0000, 0.0000,
0.0000

55.8136, 0.3790,
0.4095

55.8136, 0.3790,
0.4095

53.3919, 0.3967,
0.4285

58.4146, 0.3613,
0.3892

51.1338, 0.4136,
0.4452

61.1946, 0.3440,
0.3685

49.0332, 0.4289,
0.4586

64.1627, 0.3276,
0.3481

47.0800, 0.4420,
0.4679

67.3255, 0.3123,
0.3284

45.2626, 0.4522,
0.4725

70.6887, 0.2982,
0.3098

■ 43.5607, 0.4599,
0.4729

■ 74.1020, 0.2868,
0.2949

■ 43.5112, 0.4601,
0.4729

■ 76.4097, 0.2870,
0.2995

■ 78.7755, 0.2872,
0.3041

■ 81.1996, 0.2874,
0.3086

Harmonies

Analogous

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



55.8136, 0.4051, 0.3828



55.8136, 0.3790, 0.4095



55.8136, 0.3361, 0.4146

Triad

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



55.8136, 0.3790, 0.4095



55.8136, 0.2284, 0.3005



55.8136, 0.3320, 0.2768

Complementary

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



55.8136, 0.3790, 0.4095



30.0773, 0.2434, 0.2326

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.



55.8136, 0.2840, 0.2569



55.8136, 0.3790, 0.4095



55.8136, 0.2274, 0.2674

Square

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



55.8136, 0.3790, 0.4095



55.8136, 0.2500, 0.3468



55.8136, 0.2468, 0.2529



55.8136, 0.3776, 0.3084

Rectangle

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



55.8136, 0.3790, 0.4095



55.8136, 0.3043, 0.4020



55.8136, 0.2468, 0.2529



55.8136, 0.3155, 0.2686

Sweetspot

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



55.8162, 0.3790, 0.4095



94.3463, 0.3314, 0.3530



32.0752, 0.3917, 0.3082



20.0678, 0.3336, 0.3557



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.



55.8162, 0.3790, 0.4095



79.8459, 0.3945, 0.4263



60.4213, 0.3512, 0.4342



14.0790, 0.3271, 0.3475



26.4558, 0.4594, 0.4735



1.7052, 0.4512, 0.4800

Inverse Universe

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



30.0773, 0.2434, 0.2326



36.3029, 0.2263, 0.2068



27.4807, 0.2609, 0.2146



12.4063, 0.2982, 0.3098



4.0855, 0.1557, 0.0804



0.3649, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 55.8136, 0.3790, 0.4095 looks on a white background.

Color Contrast Check

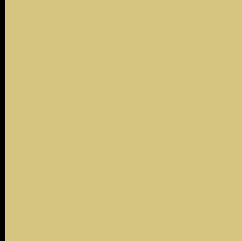
Large Text (above 18pt) WCAG AA × Fail

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 55.8136, 0.3790, 0.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

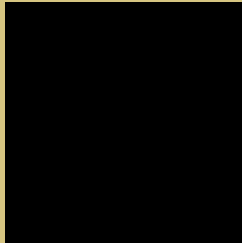
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8136, 0.3790, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 55.8136, 0.3790, 0.4095.



This preview shows how white text looks on a background with the Yxy color 55.8136, 0.3790, 0.4095.

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

55.8136, 0.3790, 0.4095

Protanopia

55.8136, 0.3790, 0.4095

Deuteranopia

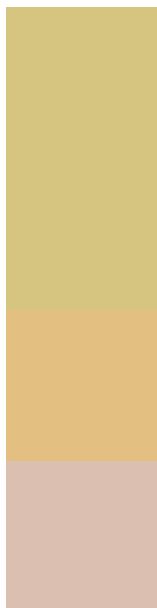
55.4380, 0.4011, 0.3924



Tritanopia

55.8078, 0.3292, 0.3120

Trichromacy



Original Color

55.8136, 0.3790, 0.4095

Protanomaly

55.8136, 0.3790, 0.4095

Deuteranomaly

55.3673, 0.3933, 0.3985

Tritanomaly

55.4563, 0.3480, 0.3466

Monochromacy



Original Color

55.8136, 0.3790, 0.4095

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.3500, 0.3367, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8136, 0.3790, 0.4095 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, 197, 129)` looks like.

```
.text, #text, p{  
    color:rgb(214, 197, 129)  
}
```

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, 197, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 129) }
```

Border

The CSS property to change the border of an element to Yxy 55.8136, 0.3790, 0.4095 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, 197, 129) }
```

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

```
.border{ border-color:rgb(214, 197, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 197, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 129);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8136, 0.3790, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 129) }
```

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

```
.background{ background-color: rgb(214,  
197, 129) }
```

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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