

Converting Colors

Yxy(57.6990, 0.3789, 0.4096)

Have a look what the booklet for
Yxy(57.6990, 0.3789, 0.4096)
contains.

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Color

Yxy(57.6990, 0.3789, 0.4096)

Conversions

Conversions Part 1

Format	Color
Hex	D9C883
RGB	217, 200, 131
RGB Percent	85%, 78%, 51%
CMY	0.1489, 0.2157, 0.4863
CMYK	0.00, 0.08, 0.40, 0.15
HSL	48°, 53%, 68%
HSV	48°, 40%, 85%
XYZ	53.3744, 57.6990, 29.7933
YIQ	197.2170, 32.2810, -17.8550

Conversions

Conversions Part 2

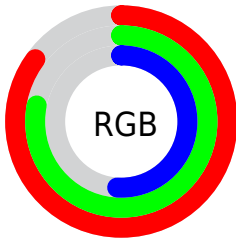
Format	Color
RYB	152, 217, 131
Decimal	14272643
CIELab	80.57, -3.74, 36.66
CIElCh	81, 36.850, 95.832
Yxy	57.6990, 0.3789, 0.4096
Android (android.graphics.Color)	4292462723 (0xFFD9C883)
YUV	197.2170, -32.6450, 17.3497
Hunter-Lab	75.9599, -7.5039, 29.9169

Details

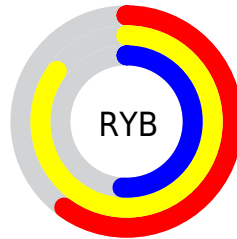
The Yxy color **57.6990, 0.3789, 0.4096** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.0283, 0.2434, 0.2325**, and the grayscale version is **56.1629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **28.7140, 0.3951, 0.4294** is the 20% darker color. If you saturate the color by 10%, you get **55.2099, 0.3965, 0.4287**, and if you desaturate by 10%, it is **60.3727, 0.3612, 0.3893**.

Distribution



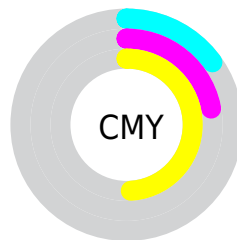
- Red (85%)
- Green (78%)
- Blue (51%)



- Red (60%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (40%)
- Black (15%)





- Cyan (15%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6990, 0.3789, 0.4096 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 57.6990, 0.3789, 0.4096 by changing the saturation by 10% instead.

 57.6990, 0.3789,
0.4096

 57.6990, 0.3789,
0.4096


416.0634, 0.3478,
0.3711


 41.5667, 0.3859,
0.4185

 101.4844, 0.3681,
0.3961

 28.7622, 0.3944,
0.4294


 129.9063, 0.3639,
0.3909

 18.9010, 0.4048,
0.4431


 163.1935, 0.3603,
0.3864

 11.5987, 0.4177,
0.4604

201.7305, 0.3572,
0.3825

 6.4711, 0.4333,
0.4824

245.9016, 0.3544,
0.3791

 3.1336, 0.4693,
0.5307

296.0911, 0.3520,

 1.2019, 0.4624,

0.3762

0.5376

352.6836, 0.3498,
0.3735

0.0632, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.6990, 0.3789,
0.4096

57.6990, 0.3789,
0.4096

55.2099, 0.3965,
0.4287

60.3727, 0.3612,
0.3893

52.8893, 0.4134,
0.4454

63.2305, 0.3439,
0.3685

50.7306, 0.4287,
0.4589

66.2821, 0.3275,
0.3480

48.7235, 0.4417,
0.4681

69.5340, 0.3122,
0.3283

■ 46.8560, 0.4519,
0.4727

■ 72.9925, 0.2981,
0.3097

■ 45.1074, 0.4595,
0.4732

■ 76.2564, 0.2889,
0.2984

■ 45.0468, 0.4598,
0.4732

■ 78.6213, 0.2891,
0.3030

■ 81.0452, 0.2892,
0.3076

■ 83.5286, 0.2894,
0.3121

Harmonies

Analogous

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



57.6990, 0.4050, 0.3830



57.6990, 0.3789, 0.4096



57.6990, 0.3359, 0.4146

Triad

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



57.6990, 0.3789, 0.4096



57.6990, 0.2283, 0.3004



57.6990, 0.3322, 0.2768

Complementary

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



57.6990, 0.3789, 0.4096



31.0283, 0.2434, 0.2325

Split Complementary

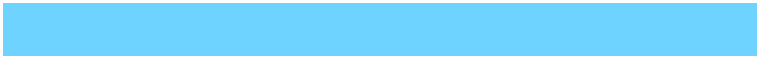
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.6990, 0.2842, 0.2569



57.6990, 0.3789, 0.4096



57.6990, 0.2274, 0.2673

Square

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



57.6990, 0.3789, 0.4096



57.6990, 0.2499, 0.3466



57.6990, 0.2469, 0.2529



57.6990, 0.3777, 0.3085

Rectangle

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



57.6990, 0.3789, 0.4096



57.6990, 0.3041, 0.4020



57.6990, 0.2469, 0.2529



57.6990, 0.3157, 0.2686

Sweetspot

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



57.7017, 0.3789, 0.4096



94.3767, 0.3314, 0.3530



33.1329, 0.3916, 0.3082



20.0750, 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.



57.7017, 0.3789, 0.4096



79.9560, 0.3944, 0.4265



62.3898, 0.3511, 0.4342



14.8027, 0.3272, 0.3476



27.4096, 0.4591, 0.4737



1.8897, 0.4514, 0.4798

Inverse Universe

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



31.0283, 0.2434, 0.2325



36.2363, 0.2262, 0.2065



28.3911, 0.2610, 0.2147



13.0328, 0.2981, 0.3097



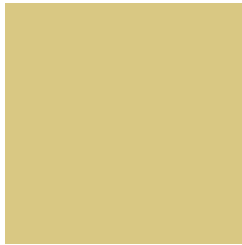
4.1968, 0.1556, 0.0800



0.3939, 0.1637, 0.1093

Previews

White Background



This preview shows how the Yxy color 57.6990, 0.3789, 0.4096 looks on a white background.

Color Contrast Check

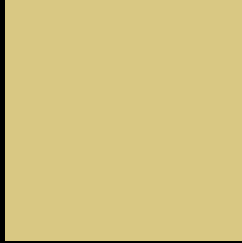
Large Text (above 18pt) WCAG AA × Fail

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 57.6990, 0.3789, 0.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

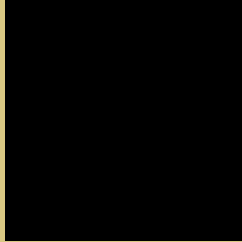
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6990, 0.3789, 0.4096

Background



This preview shows how black text looks on a background with the Yxy color 57.6990, 0.3789, 0.4096.



This preview shows how white text looks on a background with the Yxy color 57.6990, 0.3789, 0.4096.

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

57.6990, 0.3789, 0.4096

Protanopia

57.6990, 0.3789, 0.4096

Deuteranopia

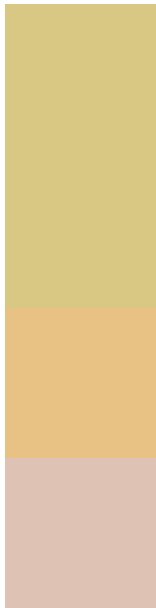
57.4803, 0.4015, 0.3924



Tritanopia

57.7254, 0.3290, 0.3122

Trichromacy



Original Color

57.6990, 0.3789, 0.4096

Protanomaly

57.6990, 0.3789, 0.4096

Deuteranomaly

57.4053, 0.3938, 0.3985

Tritanomaly

57.3678, 0.3475, 0.3464

Monochromacy



Original Color

57.6990, 0.3789, 0.4096

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.2427, 0.3364, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6990, 0.3789, 0.4096 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, 200, 131)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 131)  
}
```

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, 200, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 131) }
```

Border

The CSS property to change the border of an element to Yxy 57.6990, 0.3789, 0.4096 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, 200, 131) }
```

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

```
.border{ border-color:rgb(217, 200, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 200, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 131);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6990, 0.3789, 0.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 131) }
```

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

```
.background{ background-color: rgb(217,  
200, 131) }
```

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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