

Converting Colors

$Yxy(56.4466, 0.3820, 0.4194)$

Have a look what the booklet for
Yxy(56.4466, 0.3820, 0.4194)
contains.

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Color

Yxy(56.3981, 0.3824, 0.4197)

Conversions

Conversions Part 1

Format	Color
Hex	D5C77A
RGB	213, 199, 122
RGB Percent	84%, 78%, 48%
CMY	0.1646, 0.2196, 0.5215
CMYK	0.00, 0.07, 0.43, 0.16
HSL	51°, 52%, 66%
HSV	51°, 43%, 84%
XYZ	51.3858, 56.3981, 26.5932
YIQ	194.4080, 33.0610, -20.9790

Conversions

Conversions Part 2

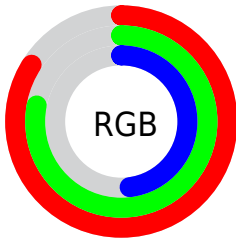
Format	Color
R _{YB}	139, 213, 122
Decimal	14010234
CIE Lab	79.84, -5.78, 40.22
CIE LCh	80, 40.638, 98.178
Yxy	56.3981, 0.3824, 0.4197
Android (android.graphics.Color)	4292200314 (0xFFD5C77A)
YUV	194.4080, -35.6971, 16.3052
Hunter-Lab	75.0987, -9.2851, 31.5738

Details

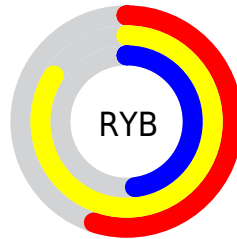
The Yxy color **56.3981, 0.3824, 0.4197** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.5697, 0.2365, 0.2178**, and the grayscale version is **54.4088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9146, 0.3597, 0.4066**, and **27.8738, 0.3991, 0.4420** is the 20% darker color. If you saturate the color by 10%, you get **54.4326, 0.3988, 0.4389**, and if you desaturate by 10%, it is **58.5172, 0.3655, 0.3988**.

Distribution



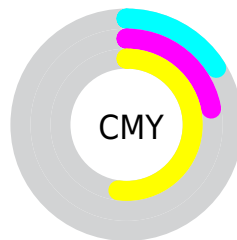
- Red (84%)
- Green (78%)
- Blue (48%)



- Red (55%)
- Yellow (84%)
- Blue (48%)



- Cyan (0%)
- Magenta (7%)
- Yellow (43%)
- Black (16%)





- Cyan (16%)
- Magenta (22%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3981, 0.3824, 0.4197 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 56.3981, 0.3824, 0.4197 by changing the saturation by 10% instead.


 56.3981, 0.3824,
0.4197

 56.3981, 0.3824,
0.4197


411.1901, 0.3499,
0.3762


 40.5222, 0.3896,
0.4297


 99.5864, 0.3712,
0.4045

 27.9459, 0.3982,
0.4420


 127.6676, 0.3668,
0.3986

 18.2849, 0.4087,
0.4573


 160.5860, 0.3630,
0.3935

 11.1547, 0.4211,
0.4765

198.7260, 0.3597,
0.3891

 6.1710, 0.4355,
0.5008

242.4720, 0.3568,
0.3853

 2.9493, 0.4588,
0.5412

292.2084, 0.3542,

 1.1053, 0.4475,

0.3819

0.5525

348.3197, 0.3519,
0.3789

0.0000, 0.0000,
0.0000

56.3981, 0.3824,
0.4197

56.3981, 0.3824,
0.4197

54.4326, 0.3988,
0.4389

58.5172, 0.3655,
0.3988

52.6051, 0.4139,
0.4553

60.7894, 0.3486,
0.3772

50.9094, 0.4271,
0.4681

63.2237, 0.3322,
0.3556

49.3355, 0.4377,
0.4766

65.8264, 0.3168,
0.3346

47.8713, 0.4455,
0.4805

68.6033, 0.3023,
0.3146

■ 46.8605, 0.4497,
0.4811

■ 71.5597, 0.2891,
0.2958

■ 73.6174, 0.2862,
0.2941

■ 75.3809, 0.2863,
0.2977

■ 77.1787, 0.2865,
0.3012

Harmonies

Analogous

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



56.3981, 0.4137, 0.3908



56.3981, 0.3824, 0.4197



56.3981, 0.3338, 0.4239

Triad

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



56.3981, 0.3824, 0.4197



56.3981, 0.2189, 0.2931



56.3981, 0.3384, 0.2739

Complementary

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



56.3981, 0.3824, 0.4197



26.5697, 0.2365, 0.2178

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.



56.3981, 0.2847, 0.2509



56.3981, 0.3824, 0.4197



56.3981, 0.2198, 0.2585

Square

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



56.3981, 0.3824, 0.4197



56.3981, 0.2405, 0.3441



56.3981, 0.2426, 0.2448



56.3981, 0.3883, 0.3092

Rectangle

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



56.3981, 0.3824, 0.4197



56.3981, 0.2987, 0.4083



56.3981, 0.2426, 0.2448



56.3981, 0.3200, 0.2646

Sweetspot

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



56.4007, 0.3824, 0.4197



94.8252, 0.3329, 0.3565



29.8855, 0.4045, 0.3104



20.1178, 0.3365, 0.3613



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.



56.4007, 0.3824, 0.4197



82.1165, 0.3969, 0.4367



59.0439, 0.3512, 0.4434



14.1782, 0.3270, 0.3486



28.7348, 0.4492, 0.4815



1.8233, 0.4433, 0.4863

Inverse Universe

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



26.5697, 0.2365, 0.2178



31.8329, 0.2190, 0.1903



25.4379, 0.2588, 0.2058



12.3150, 0.2982, 0.3087



3.6896, 0.1538, 0.0736



0.3222, 0.1614, 0.1010

Previews

White Background



This preview shows how the Yxy color 56.3981, 0.3824, 0.4197 looks on a white background.

Color Contrast Check

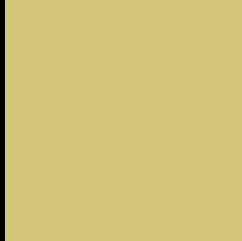
Large Text (above 18pt) WCAG AA × Fail

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 56.3981, 0.3824, 0.4197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

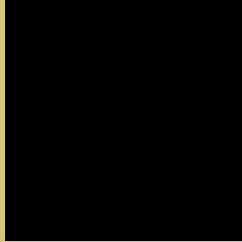
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3981, 0.3824, 0.4197

Background



This preview shows how black text looks on a background with the Yxy color 56.3981, 0.3824, 0.4197.



This preview shows how white text looks on a background with the Yxy color 56.3981, 0.3824, 0.4197.

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

56.3981, 0.3824, 0.4197

Protanopia

56.3922, 0.3855, 0.4178

Deuteranopia

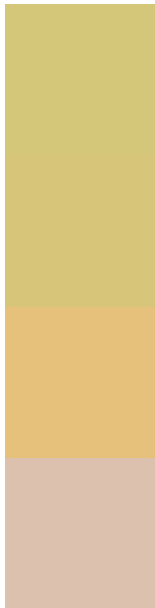
56.2012, 0.4087, 0.3999



Tritanopia

56.2844, 0.3283, 0.3120

Trichromacy



Original Color

56.3981, 0.3824, 0.4197

Protanomaly

56.2404, 0.3846, 0.4181

Deuteranomaly

56.3930, 0.3995, 0.4075

Tritanomaly

56.2560, 0.3492, 0.3513

Monochromacy



Original Color

56.3981, 0.3824, 0.4197

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7245, 0.3381, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3981, 0.3824, 0.4197 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(213, 199, 122)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 122)  
}
```

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(213, 199, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 122) }
```

Border

The CSS property to change the border of an element to Yxy 56.3981, 0.3824, 0.4197 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(213, 199, 122) }
```

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

```
.border{ border-color:rgb(213, 199, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 122);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3981, 0.3824, 0.4197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 122) }
```

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

```
.background{ background-color: rgb(213,  
199, 122) }
```

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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