

Converting Colors

Yxy(56.7394, 0.3868, 0.4050)

Have a look what the booklet for
Yxy(56.7394, 0.3868, 0.4050)
contains.

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Color

Yxy(56.7795, 0.3866, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	DFC482
RGB	223, 196, 130
RGB Percent	87%, 77%, 51%
CMY	0.1255, 0.2313, 0.4902
CMYK	0.00, 0.12, 0.42, 0.13
HSL	43°, 59%, 69%
HSV	43°, 42%, 87%
XYZ	54.1999, 56.7795, 29.2169
YIQ	196.5490, 37.2780, -14.8020

Conversions

Conversions Part 2

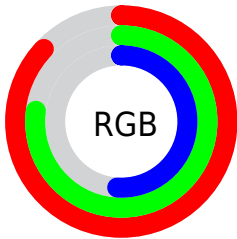
Format	Color
R_{YB}	168, 223, 130
Decimal	14664834
CIE _{Lab}	80.06, 0.59, 36.61
CIE _{LCh}	80, 36.618, 89.070
Yxy	56.7795, 0.3866, 0.4050
Android (android.graphics.Color)	4292854914 (0xFFDFC482)
YUV	196.5490, -32.8087, 23.1975
Hunter-Lab	75.3522, -3.4735, 29.7575

Details

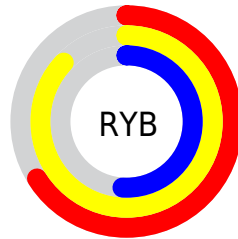
The Yxy color **56.7795, 0.3866, 0.4050** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.1802, 0.2412, 0.2384**, and the grayscale version is **55.7341, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3415, 0.3557, 0.3962**, and **28.0175, 0.4049, 0.4231** is the 20% darker color. If you saturate the color by 10%, you get **53.3897, 0.4065, 0.4220**, and if you desaturate by 10%, it is **60.4303, 0.3671, 0.3867**.

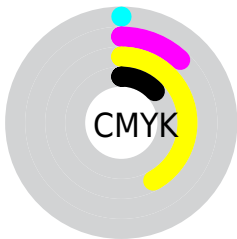
Distribution



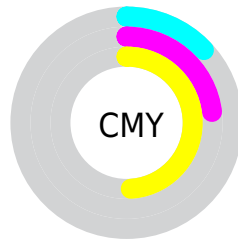
- Red (87%)
- Green (77%)
- Blue (51%)



- Red (66%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (42%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7795, 0.3866, 0.4050 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 56.7795, 0.3866, 0.4050 by changing the saturation by 10% instead.


 56.7795, 0.3866,
0.4050


 56.7795, 0.3866,
0.4050


412.6226, 0.3516,
0.3691


 40.8282, 0.3946,
0.4132


 100.1434, 0.3744,
0.3925

 28.1849, 0.4044,
0.4231


 128.3248, 0.3697,
0.3877

 18.4651, 0.4165,
0.4354


 161.3517, 0.3656,
0.3835

 11.2844, 0.4316,
0.4508

199.6085, 0.3620,
0.3798

 6.2585, 0.4504,
0.4696

243.4796, 0.3589,
0.3766

 3.0029, 0.4902,
0.5098

293.3494, 0.3562,

 1.1332, 0.4913,

0.3738

0.5087

349.6022, 0.3538,
0.3713

0.0061, 0.7682,
0.2318

0.0000, 0.0000,
0.0000

56.7795, 0.3866,
0.4050

56.7795, 0.3866,
0.4050

53.3897, 0.4065,
0.4220

60.4303, 0.3671,
0.3867

50.2430, 0.4261,
0.4366


64.3434, 0.3485,
0.3681

47.3308, 0.4445,
0.4479


68.5301, 0.3312,
0.3496


44.6408, 0.4606,
0.4547

72.9985, 0.3153,
0.3319


 42.1582, 0.4739,
0.4566


 77.7562, 0.3009,
0.3152

 40.2380, 0.4828,
0.4549

 82.2316, 0.2930,
0.3083

 86.0018, 0.2931,
0.3150

 89.9082, 0.2933,
0.3216

 93.9522, 0.2934,
0.3282

Harmonies

Analogous

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



56.7795, 0.4075, 0.3752



56.7795, 0.3866, 0.4050



56.7795, 0.3464, 0.4158

Triad

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



56.7795, 0.3866, 0.4050



56.7795, 0.2315, 0.3100



56.7795, 0.3210, 0.2712

Complementary

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



56.7795, 0.3866, 0.4050



34.1802, 0.2412, 0.2384

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.



56.7795, 0.2745, 0.2546



56.7795, 0.3866, 0.4050



56.7795, 0.2259, 0.2732

Square

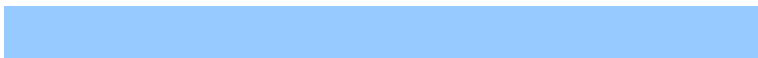
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.7795, 0.3866, 0.4050



56.7795, 0.2574, 0.3575



56.7795, 0.2409, 0.2545



56.7795, 0.3685, 0.3006

Rectangle

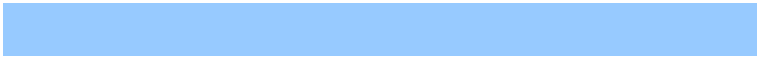
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.7795, 0.3866, 0.4050



56.7795, 0.3148, 0.4076



56.7795, 0.2409, 0.2545



56.7795, 0.3047, 0.2640

Sweetspot

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



56.7821, 0.3866, 0.4050



92.0605, 0.3335, 0.3522



34.1149, 0.3869, 0.2961



19.4302, 0.3372, 0.3562



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.



56.7821, 0.3866, 0.4050



72.9469, 0.4039, 0.4198



67.2804, 0.3602, 0.4372



15.3224, 0.3274, 0.3456



23.8628, 0.4816, 0.4558



1.8058, 0.4698, 0.4652

Inverse Universe

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



34.1802, 0.2412, 0.2384



38.5017, 0.2252, 0.2155



27.6408, 0.2497, 0.2053



13.8881, 0.2981, 0.3119



5.5058, 0.1606, 0.0980



0.5329, 0.1691, 0.1286

Previews

White Background



This preview shows how the Yxy color 56.7795, 0.3866, 0.4050 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 56.7795, 0.3866, 0.4050 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 56.7795, 0.3866, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 56.7795, 0.3866, 0.4050.



This preview shows how white text looks on a background with the Yxy color 56.7795, 0.3866, 0.4050.

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

56.7795, 0.3866, 0.4050

Protanopia

57.0845, 0.3784, 0.4088

Deuteranopia

56.6427, 0.4018, 0.3940



Tritanopia

56.6279, 0.3368, 0.3124

Trichromacy



Original Color

56.7795, 0.3866, 0.4050

Protanomaly

57.0869, 0.3815, 0.4070

Deuteranomaly

56.6616, 0.3965, 0.3972

Tritanomaly

56.2924, 0.3552, 0.3451

Monochromacy



Original Color

56.7795, 0.3866, 0.4050

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0714, 0.3382, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7795, 0.3866, 0.4050 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(223, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 130)  
}
```

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(223, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 130) }
```

Border

The CSS property to change the border of an element to Yxy 56.7795, 0.3866, 0.4050 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(223, 196, 130) }
```

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

```
.border{ border-color:rgb(223, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 130);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7795, 0.3866, 0.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 130) }
```

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

```
.background{ background-color: rgb(223,  
196, 130) }
```

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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