

Converting Colors

Yxy(55.9714, 0.3921, 0.4378)

Have a look what the booklet for
Yxy(55.9714, 0.3921, 0.4378)
contains.

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Color

Yxy(55.8845, 0.3925, 0.4371)

Conversions

Conversions Part 1

Format	Color
Hex	D4C76A
RGB	212, 199, 106
RGB Percent	83%, 78%, 42%
CMY	0.1685, 0.2196, 0.5842
CMYK	0.00, 0.06, 0.50, 0.17
HSL	53°, 55%, 62%
HSV	53°, 50%, 83%
XYZ	50.1823, 55.8845, 21.7861
YIQ	192.2850, 37.6010, -26.1670

Conversions

Conversions Part 2

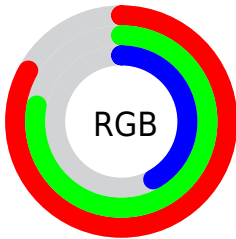
Format	Color
RYB	121, 212, 106
Decimal	13944682
CIELab	79.55, -7.73, 47.76
CIELCh	80, 48.381, 99.191
Yxy	55.8845, 0.3925, 0.4371
Android (android.graphics.Color)	4292134762 (0xFFD4C76A)
YUV	192.2850, -42.5385, 17.2901
Hunter-Lab	74.7559, -10.9992, 35.0503

Details

The Yxy color **55.8845, 0.3925, 0.4371** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.0283, 0.2211, 0.1902**, and the grayscale version is **53.1291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2832, 0.3695, 0.4228**, and **27.4952, 0.4092, 0.4624** is the 20% darker color. If you saturate the color by 10%, you get **54.3103, 0.4072, 0.4548**, and if you desaturate by 10%, it is **57.5935, 0.3766, 0.4169**.

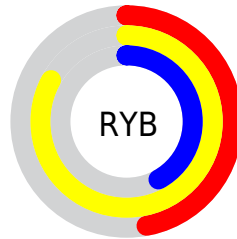
Distribution



Red (83%)

Green (78%)

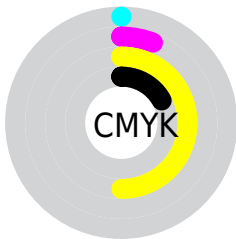
Blue (42%)



Red (47%)

Yellow (83%)

Blue (42%)

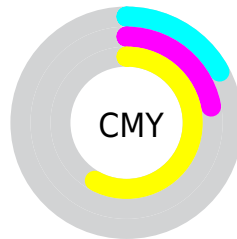


Cyan (0%)

Magenta (6%)

Yellow (50%)

Black (17%)



Cyan (17%)


Magenta (22%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8845, 0.3925, 0.4371 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 55.8845, 0.3925, 0.4371 by changing the saturation by 10% instead.


 55.8845, 0.3925,
0.4371


 55.8845, 0.3925,
0.4371


409.2561, 0.3560,
0.3856


 40.1103, 0.4002,
0.4487


 98.8357, 0.3802,
0.4192

 27.6246, 0.4093,
0.4627


 126.7815, 0.3753,
0.4122

 18.0429, 0.4196,
0.4798


 159.5533, 0.3710,
0.4062

 10.9808, 0.4310,
0.5004

 197.5355, 0.3672,
0.4010

 6.0539, 0.4483,
0.5321

241.1125, 0.3639,
0.3964

 2.8779, 0.4487,
0.5513

290.6686, 0.3610,

 1.0683, 0.4331,

0.3924

0.5669

346.5884, 0.3583,
0.3888

0.0000, 0.0000,
0.0000

55.8845, 0.3925,
0.4371

55.8845, 0.3925,
0.4371

54.3103, 0.4072,
0.4548

57.5935, 0.3766,
0.4169

52.8547, 0.4199,
0.4691

59.4369, 0.3602,
0.3951

51.5111, 0.4303,
0.4792


61.4242, 0.3437,
0.3727


50.2681, 0.4378,
0.4847


63.5616, 0.3278,
0.3505

49.1055, 0.4429,
0.4865


65.8550, 0.3127,
0.3290

 49.1043, 0.4430,
0.4865

 68.3100, 0.2986,
0.3085

 70.9318, 0.2856,
0.2894

 72.3229, 0.2854,
0.2917

 73.6999, 0.2855,
0.2945

Harmonies

Analogous

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



55.8845, 0.4315, 0.4016



55.8845, 0.3925, 0.4371



55.8845, 0.3343, 0.4433

Triad

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



55.8845, 0.3925, 0.4371



55.8845, 0.2023, 0.2834



55.8845, 0.3450, 0.2656

Complementary

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



55.8845, 0.3925, 0.4371



21.0283, 0.2211, 0.1902

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.



55.8845, 0.2810, 0.2385



55.8845, 0.3925, 0.4371



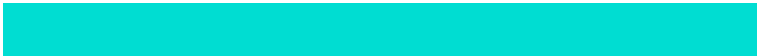
55.8845, 0.2045, 0.2445

Square

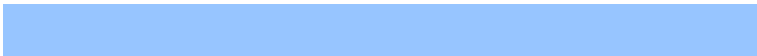
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8845, 0.3925, 0.4371



55.8845, 0.2260, 0.3441



55.8845, 0.2315, 0.2303



55.8845, 0.4048, 0.3064

Rectangle

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



55.8845, 0.3925, 0.4371



55.8845, 0.2929, 0.4240



55.8845, 0.2315, 0.2303



55.8845, 0.3230, 0.2547

Sweetspot

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



55.8871, 0.3925, 0.4371



94.8144, 0.3360, 0.3619



25.6754, 0.4340, 0.3120



20.1475, 0.3394, 0.3667



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.



55.8871, 0.3925, 0.4371



82.3247, 0.4081, 0.4559



57.0414, 0.3535, 0.4644



14.2473, 0.3269, 0.3493



30.4076, 0.4426, 0.4868



1.9089, 0.4380, 0.4904

Inverse Universe

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



21.0283, 0.2211, 0.1902



23.6713, 0.2002, 0.1562



21.0799, 0.2504, 0.1839



12.2521, 0.2981, 0.3079



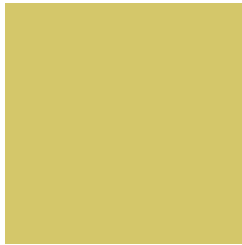
3.4707, 0.1527, 0.0697



0.2926, 0.1592, 0.0931

Previews

White Background



This preview shows how the Yxy color 55.8845, 0.3925, 0.4371 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 55.8845, 0.3925, 0.4371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

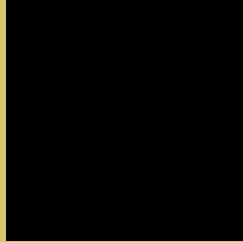
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8845, 0.3925, 0.4371

Background



This preview shows how black text looks on a background with the Yxy color 55.8845, 0.3925, 0.4371.



This preview shows how white text looks on a background with the Yxy color 55.8845, 0.3925, 0.4371.

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

55.8845, 0.3925, 0.4371

Protanopia

55.7041, 0.3987, 0.4343

Deuteranopia

55.7713, 0.4223, 0.4131



Tritanopia

55.8078, 0.3292, 0.3120

Trichromacy



Original Color

55.8845, 0.3925, 0.4371

Protanomaly

55.8552, 0.3963, 0.4361

Deuteranomaly

55.6050, 0.4110, 0.4217

Tritanomaly

55.4319, 0.3535, 0.3574

Monochromacy



Original Color

55.8845, 0.3925, 0.4371

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7455, 0.3420, 0.3714

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8845, 0.3925, 0.4371 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(212, 199, 106)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 106)  
}
```

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(212, 199, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 106) }
```

Border

The CSS property to change the border of an element to Yxy 55.8845, 0.3925, 0.4371 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(212, 199, 106) }
```

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

```
.border{ border-color:rgb(212, 199, 106) }
```

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

Here you see how a box with a 4 pixel rgb(212, 199, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 106);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8845, 0.3925, 0.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 106) }
```

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

```
.background{ background-color: rgb(212,  
199, 106) }
```

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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