

Converting Colors

Yxy(54.8507, 0.3952, 0.4416)

Have a look what the booklet for
Yxy(54.8507, 0.3952, 0.4416)
contains.

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Color

Yxy(55.0294, 0.3946, 0.4420)

Conversions

Conversions Part 1

Format	Color
Hex	D2C665
RGB	210, 198, 101
RGB Percent	82%, 78%, 40%
CMY	0.1763, 0.2235, 0.6039
CMYK	0.00, 0.06, 0.52, 0.18
HSL	53°, 55%, 61%
HSV	53°, 52%, 82%
XYZ	49.1281, 55.0294, 20.3434
YIQ	190.5300, 38.2890, -27.6230

Conversions

Conversions Part 2

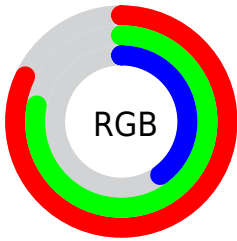
Format	Color
RYB	114, 210, 101
Decimal	13813349
CIELab	79.06, -8.47, 49.56
CIELCh	79, 50.275, 99.695
Yxy	55.0294, 0.3946, 0.4420
Android (android.graphics.Color)	4292003429 (0xFFD2C665)
YUV	190.5300, -44.1383, 17.0752
Hunter-Lab	74.1818, -11.6037, 35.6677

Details

The Yxy color **55.0294, 0.3946, 0.4420** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.2396, 0.2169, 0.1821**, and the grayscale version is **52.0610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1131, 0.3723, 0.4275**, and **26.9406, 0.4118, 0.4688** is the 20% darker color. If you saturate the color by 10%, you get **53.6197, 0.4086, 0.4593**, and if you desaturate by 10%, it is **56.5657, 0.3792, 0.4220**.

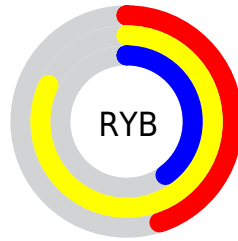
Distribution



Red (82%)

Green (78%)

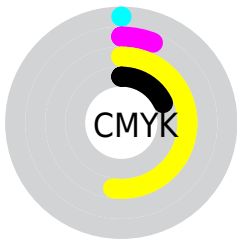
Blue (40%)



Red (45%)

Yellow (82%)

Blue (40%)

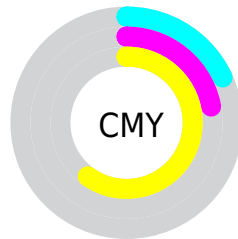


Cyan (0%)

Magenta (6%)

Yellow (52%)

Black (18%)



Cyan (18%)


Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0294, 0.3946, 0.4420 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 55.0294, 0.3946, 0.4420 by changing the saturation by 10% instead.

 55.0294, 0.3946,
0.4420

 55.0294, 0.3946,
0.4420

406.0234, 0.3572,
0.3881


 39.4253, 0.4024,
0.4541


 97.5840, 0.3821,
0.4233

 27.0907, 0.4114,
0.4687


 125.3033, 0.3771,
0.4160

 17.6414, 0.4216,
0.4863


 157.8298, 0.3727,
0.4097

 10.6928, 0.4324,
0.5073


 195.5478, 0.3688,
0.4042

 5.8607, 0.4524,
0.5441

238.8417, 0.3654,
0.3995

 2.7605, 0.4443,
0.5557

288.0961, 0.3624,

 1.0080, 0.4255,

0.3952

0.5745

343.6951, 0.3597,
0.3915

0.0000, 0.0000,
0.0000

55.0294, 0.3946,
0.4420

55.0294, 0.3946,
0.4420

53.6197, 0.4086,
0.4593

56.5657, 0.3792,
0.4220

52.3205, 0.4206,
0.4729

58.2282, 0.3630,
0.4002

51.1251, 0.4300,
0.4823

60.0263, 0.3467,
0.3777

50.0220, 0.4366,
0.4872

61.9661, 0.3308,
0.3551

49.1816, 0.4403,
0.4886

64.0535, 0.3155,
0.3331

■ 66.2939, 0.3012,
0.3121

■ 68.6924, 0.2880,
0.2925

■ 70.3174, 0.2839,
0.2880

■ 71.5178, 0.2841,
0.2905

Harmonies

Analogous

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



55.0294, 0.4360, 0.4048



55.0294, 0.3946, 0.4420



55.0294, 0.3337, 0.4485

Triad

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



55.0294, 0.3946, 0.4420



55.0294, 0.1978, 0.2802



55.0294, 0.3475, 0.2637

Complementary

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



55.0294, 0.3946, 0.4420



19.2396, 0.2169, 0.1821

Split Complementary

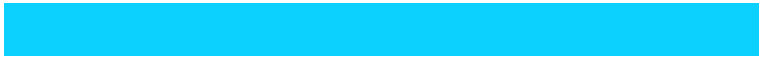
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.0294, 0.2806, 0.2354



55.0294, 0.3946, 0.4420



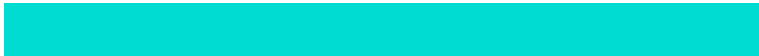
55.0294, 0.2006, 0.2404

Square

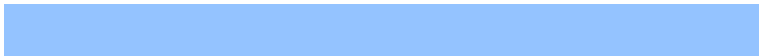
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.0294, 0.3946, 0.4420



55.0294, 0.2217, 0.3434



55.0294, 0.2289, 0.2265



55.0294, 0.4097, 0.3061

Rectangle

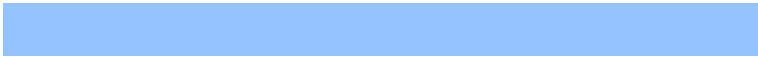
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.0294, 0.3946, 0.4420



55.0294, 0.2907, 0.4280



55.0294, 0.2289, 0.2265



55.0294, 0.3245, 0.2524

Sweetspot

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



55.0320, 0.3946, 0.4420



94.8051, 0.3375, 0.3647



24.2221, 0.4439, 0.3138



20.1585, 0.3408, 0.3694



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.



55.0320, 0.3946, 0.4420



83.0068, 0.4096, 0.4605



55.3992, 0.3531, 0.4702



13.5654, 0.3269, 0.3495



30.0815, 0.4400, 0.4889



1.7471, 0.4357, 0.4922

Inverse Universe

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



19.2396, 0.2169, 0.1821



21.8703, 0.1959, 0.1476



19.7833, 0.2491, 0.1787



11.6248, 0.2982, 0.3077



3.2900, 0.1524, 0.0685



0.2565, 0.1587, 0.0913

Previews

White Background



This preview shows how the Yxy color 55.0294, 0.3946, 0.4420 looks on a white background.

Color Contrast Check

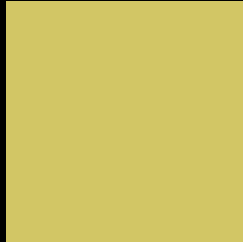
Large Text (above 18pt) WCAG AA × Fail

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 55.0294, 0.3946, 0.4420 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 55.0294, 0.3946, 0.4420

Background



This preview shows how black text looks on a background with the Yxy color 55.0294, 0.3946, 0.4420.



This preview shows how white text looks on a background with the Yxy color 55.0294, 0.3946, 0.4420.

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

55.0294, 0.3946, 0.4420

Protanopia

54.9989, 0.4017, 0.4387

Deuteranopia

55.0654, 0.4257, 0.4171



Tritanopia

54.9733, 0.3293, 0.3130

Trichromacy



Original Color

55.0294, 0.3946, 0.4420

Protanomaly

55.1487, 0.3993, 0.4404

Deuteranomaly

54.8989, 0.4142, 0.4259

Tritanomaly

54.5771, 0.3545, 0.3600

Monochromacy



Original Color

55.0294, 0.3946, 0.4420

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.0580, 0.3437, 0.3741

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0294, 0.3946, 0.4420 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(210, 198, 101)` looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 101)  
}
```

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(210, 198, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 101) }
```

Border

The CSS property to change the border of an element to Yxy 55.0294, 0.3946, 0.4420 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(210, 198, 101) }
```

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

```
.border{ border-color:rgb(210, 198, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 101);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0294, 0.3946, 0.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 101) }
```

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

```
.background{ background-color: rgb(210,  
198, 101) }
```

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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