

Converting Colors

Yxy(55.2268, 0.4082, 0.4830)

Have a look what the booklet for
Yxy(55.2268, 0.4082, 0.4830)
contains.

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Color

Yxy(55.4047, 0.4082, 0.4829)

Conversions

Conversions Part 1

Format	Color
Hex	CCCA3C
RGB	204, 202, 60
RGB Percent	80%, 79%, 24%
CMY	0.2001, 0.2078, 0.7649
CMYK	0.00, 0.01, 0.71, 0.20
HSL	59°, 59%, 52%
HSV	59°, 71%, 80%
XYZ	46.8341, 55.4047, 12.4945
YIQ	186.4100, 46.7740, -43.7380

Conversions

Conversions Part 2

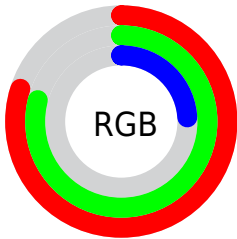
Format	Color
R _Y B	62, 204, 60
Decimal	13421116
CIE Lab	79.27, -15.74, 67.08
CIE LCh	79, 68.899, 103.207
Yxy	55.4047, 0.4082, 0.4829
Android (android.graphics.Color)	4291611196 (0xFFCCCA3C)
YUV	186.4100, -62.3201, 15.4264
Hunter-Lab	74.4343, -17.9478, 42.1517

Details

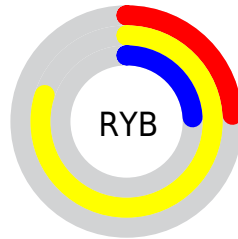
The Yxy color **55.4047, 0.4082, 0.4829** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.7564, 0.1781, 0.1077**, and the grayscale version is **49.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **27.2908, 0.4170, 0.5071** is the 20% darker color. If you saturate the color by 10%, you get **55.1006, 0.4152, 0.4938**, and if you desaturate by 10%, it is **55.7973, 0.3987, 0.4678**.

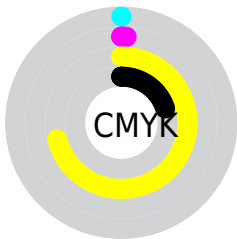
Distribution



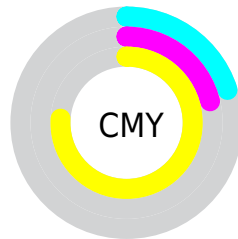
- Red (80%)
- Green (79%)
- Blue (24%)



- Red (24%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (1%)
- Yellow (71%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4047, 0.4082, 0.4829 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 55.4047, 0.4082, 0.4829 by changing the saturation by 10% instead.


 55.4047, 0.4082,
0.4829

 55.4047, 0.4082,
0.4829


407.4442, 0.3681,
0.4111


 39.7258, 0.4150,
0.4979


 98.1337, 0.3959,
0.4588


 27.3248, 0.4217,
0.5151


 125.9525, 0.3906,
0.4491


 17.8173, 0.4273,
0.5343


 158.5869, 0.3858,
0.4407

 10.8189, 0.4354,
0.5623

 196.4210, 0.3815,
0.4333

 5.9452, 0.4248,
0.5752

 239.8395, 0.3777,
0.4267

 2.8118, 0.4064,
0.5936

289.2265, 0.3742,

 1.0343, 0.3638,

0.4210

0.6362

344.9666, 0.3710,
0.4158

0.0000, 0.0000,
0.0000

55.4047, 0.4082,
0.4829

55.4047, 0.4082,
0.4829

55.1006, 0.4152,
0.4938

55.7973, 0.3987,
0.4678

54.8671, 0.4195,
0.5003

56.2792, 0.3869,
0.4491

54.6968, 0.4217,
0.5033

56.8605, 0.3734,
0.4274

57.5479, 0.3588,
0.4038

58.3475, 0.3436,
0.3792

■ 59.2650, 0.3284,
0.3546

■ 60.3057, 0.3136,
0.3304

■ 61.4746, 0.2995,
0.3074

■ 62.7762, 0.2862,
0.2858

Harmonies

Analogous

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



55.4047, 0.4704, 0.4294



55.4047, 0.4082, 0.4829



55.4047, 0.3257, 0.4942

Triad

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



55.4047, 0.4082, 0.4829



55.4047, 0.1621, 0.2522



55.4047, 0.3696, 0.2487

Complementary

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



55.4047, 0.4082, 0.4829



8.7564, 0.1781, 0.1077

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.



55.4047, 0.2778, 0.2109



55.4047, 0.4082, 0.4829



55.4047, 0.1700, 0.2076

Square

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



55.4047, 0.4082, 0.4829



55.4047, 0.1862, 0.3345



55.4047, 0.2084, 0.1959



55.4047, 0.4533, 0.3029

Rectangle

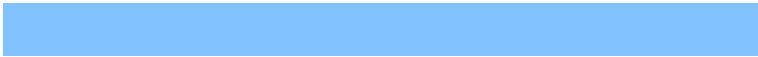
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.4047, 0.4082, 0.4829



55.4047, 0.2699, 0.4619



55.4047, 0.2084, 0.1959



55.4047, 0.3379, 0.2339

Sweetspot

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



55.4073, 0.4082, 0.4829



96.5508, 0.3446, 0.3809



16.4145, 0.5463, 0.3274



20.5832, 0.3489, 0.3878



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.



55.4073, 0.4082, 0.4829



91.0406, 0.4179, 0.4979



48.6035, 0.3478, 0.5235



13.0693, 0.3266, 0.3516



34.4445, 0.4217, 0.5034



1.7856, 0.4212, 0.5038

Inverse Universe

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



8.7564, 0.1781, 0.1077



9.2380, 0.1582, 0.0743



12.2985, 0.2346, 0.1332



10.8682, 0.2982, 0.3054



2.7933, 0.1503, 0.0610



0.1529, 0.1512, 0.0643

Previews

White Background



This preview shows how the Yxy color 55.4047, 0.4082, 0.4829 looks on a white background.

Color Contrast Check

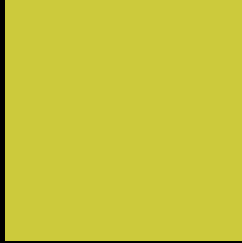
Large Text (above 18pt) WCAG AA × Fail

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 55.4047, 0.4082, 0.4829 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 55.4047, 0.4082, 0.4829

Background



This preview shows how black text looks on a background with the Yxy color 55.4047, 0.4082, 0.4829.



This preview shows how white text looks on a background with the Yxy color 55.4047, 0.4082, 0.4829.

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

55.4047, 0.4082, 0.4829

Protanopia

55.4639, 0.4263, 0.4703

Deuteranopia

54.9236, 0.4535, 0.4432



Tritanopia

55.3059, 0.3242, 0.3129

Trichromacy



Original Color

55.4047, 0.4082, 0.4829

Protanomaly

55.4588, 0.4195, 0.4754

Deuteranomaly

54.8924, 0.4368, 0.4575

Tritanomaly

54.8150, 0.3614, 0.3808

Monochromacy



Original Color

55.4047, 0.4082, 0.4829

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.9302, 0.3540, 0.3956

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4047, 0.4082, 0.4829 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(204, 202, 60)` looks like.

```
.text, #text, p{  
    color:rgb(204, 202, 60)  
}
```

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(204, 202, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 202, 60) }
```

Border

The CSS property to change the border of an element to Yxy 55.4047, 0.4082, 0.4829 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(204, 202, 60) }
```

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

```
.border{ border-color:rgb(204, 202, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 202, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 202, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 202, 60);  
box-shadow:4px 4px 4px 4px rgb(204, 202,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4047, 0.4082, 0.4829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 202, 60) }
```

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

```
.background{ background-color: rgb(204,  
202, 60) }
```

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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