

Converting Colors

Yxy(55.4313, 0.4172, 0.4663)

Have a look what the booklet for
Yxy(55.4313, 0.4172, 0.4663)
contains.

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Color

Yxy(55.4293, 0.4172, 0.4661)

Conversions

Conversions Part 1

Format	Color
Hex	D8C646
RGB	216, 198, 70
RGB Percent	85%, 78%, 27%
CMY	0.1530, 0.2235, 0.7255
CMYK	0.00, 0.08, 0.68, 0.15
HSL	53°, 65%, 56%
HSV	53°, 68%, 85%
XYZ	49.6140, 55.4293, 13.8781
YIQ	188.7900, 51.8160, -35.9920

Conversions

Conversions Part 2

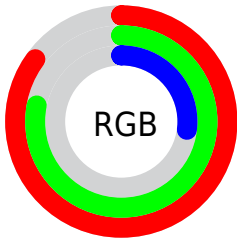
Format	Color
R_{YB}	91, 216, 70
Decimal	14206534
CIE _{Lab}	79.29, -8.14, 63.64
CIE _{LCh}	79, 64.156, 97.287
Yxy	55.4293, 0.4172, 0.4661
Android (android.graphics.Color)	4292396614 (0xFFD8C646)
YUV	188.7900, -58.5635, 23.8632
Hunter-Lab	74.4509, -11.3366, 41.0635

Details

The Yxy color **55.4293, 0.4172, 0.4661** 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 **13.2335, 0.1875, 0.1348**, and the grayscale version is **51.0818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6243, 0.3879, 0.4518**, and **27.5199, 0.4343, 0.4934** is the 20% darker color. If you saturate the color by 10%, you get **54.0017, 0.4281, 0.4772**, and if you desaturate by 10%, it is **56.9815, 0.4039, 0.4509**.

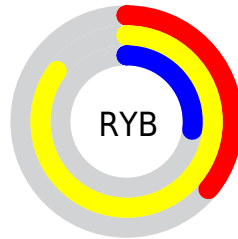
Distribution



Red (85%)

Green (78%)

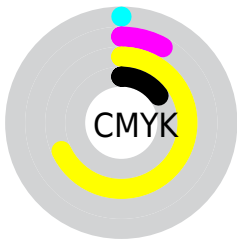
Blue (27%)



Red (36%)

Yellow (85%)

Blue (27%)

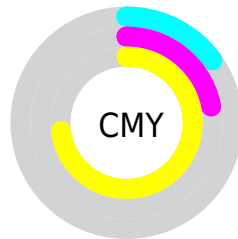


Cyan (0%)

Magenta (8%)

Yellow (68%)

Black (15%)



Cyan (15%)


Magenta (22%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4293, 0.4172, 0.4661 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 55.4293, 0.4172, 0.4661 by changing the saturation by 10% instead.


 55.4293, 0.4172,
0.4661


 55.4293, 0.4172,
0.4661


407.5372, 0.3715,
0.4031


 39.7455, 0.4258,
0.4791

 98.1697, 0.4026,
0.4451


 27.3402, 0.4349,
0.4938


 125.9951, 0.3965,
0.4366


 17.8289, 0.4441,
0.5103


 158.6364, 0.3911,
0.4292

 10.8272, 0.4548,
0.5311

 196.4782, 0.3863,
0.4227

 5.9508, 0.4555,
0.5445

 239.9048, 0.3820,
0.4169

 2.8152, 0.4463,
0.5537

289.3006, 0.3781,

 1.0360, 0.4291,

0.4118

0.5709

345.0499, 0.3747,
0.4072

0.0000, 0.0000,
0.0000

55.4293, 0.4172,
0.4661

55.4293, 0.4172,
0.4661

54.0017, 0.4281,
0.4772

56.9815, 0.4039,
0.4509

52.6797, 0.4364,
0.4838

58.6600, 0.3889,
0.4325

51.4505, 0.4419,
0.4862

60.4759, 0.3728,
0.4118

51.1618, 0.4430,
0.4864

62.4367, 0.3563,
0.3898

64.5495, 0.3399,
0.3674

■ 66.8208, 0.3241,
0.3453

■ 69.2565, 0.3092,
0.3240

■ 71.8625, 0.2954,
0.3038

■ 74.0249, 0.2881,
0.2943

Harmonies

Analogous

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



55.4293, 0.4685, 0.4135



55.4293, 0.4172, 0.4661



55.4293, 0.3421, 0.4850

Triad

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



55.4293, 0.4172, 0.4661



55.4293, 0.1727, 0.2705



55.4293, 0.3486, 0.2449

Complementary

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



55.4293, 0.4172, 0.4661



13.2335, 0.1875, 0.1348

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.



55.4293, 0.2653, 0.2128



55.4293, 0.4172, 0.4661



55.4293, 0.1741, 0.2208

Square

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



55.4293, 0.4172, 0.4661



55.4293, 0.2025, 0.3531



55.4293, 0.2051, 0.2034



55.4293, 0.4308, 0.2942

Rectangle

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



55.4293, 0.4172, 0.4661



55.4293, 0.2887, 0.4635



55.4293, 0.2051, 0.2034



55.4293, 0.3194, 0.2320

Sweetspot

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



55.4319, 0.4172, 0.4661



93.1998, 0.3441, 0.3732



19.7056, 0.5076, 0.3094



19.7604, 0.3487, 0.3796



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.



55.4319, 0.4172, 0.4661



77.8361, 0.4319, 0.4805



57.2724, 0.3609, 0.5085



14.2469, 0.3269, 0.3493



30.3970, 0.4426, 0.4868



1.9083, 0.4380, 0.4904

Inverse Universe

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



13.2335, 0.1875, 0.1348



12.7399, 0.1667, 0.0977



13.5875, 0.2221, 0.1322



12.2525, 0.2981, 0.3079



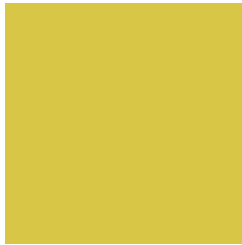
3.4719, 0.1527, 0.0697



0.2928, 0.1592, 0.0932

Previews

White Background



This preview shows how the Yxy color 55.4293, 0.4172, 0.4661 looks on a white background.

Color Contrast Check

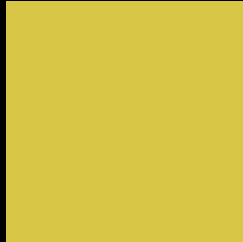
Large Text (above 18pt) WCAG AA × Fail

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 55.4293, 0.4172, 0.4661 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 55.4293, 0.4172, 0.4661

Background



This preview shows how black text looks on a background with the Yxy color 55.4293, 0.4172, 0.4661.



This preview shows how white text looks on a background with the Yxy color 55.4293, 0.4172, 0.4661.

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

55.4293, 0.4172, 0.4661

Protanopia

55.5903, 0.4214, 0.4631

Deuteranopia

55.4475, 0.4486, 0.4390



Tritanopia

55.1989, 0.3362, 0.3122

Trichromacy



Original Color

55.4293, 0.4172, 0.4661

Protanomaly

55.4348, 0.4206, 0.4636

Deuteranomaly

55.2351, 0.4366, 0.4486

Tritanomaly

54.8148, 0.3708, 0.3723

Monochromacy



Original Color

55.4293, 0.4172, 0.4661

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9167, 0.3546, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4293, 0.4172, 0.4661 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(216, 198, 70)` looks like.

```
.text, #text, p{  
    color:rgb(216, 198, 70)  
}
```

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(216, 198, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 198, 70) }
```

Border

The CSS property to change the border of an element to Yxy 55.4293, 0.4172, 0.4661 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(216, 198, 70) }
```

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

```
.border{ border-color:rgb(216, 198, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 198, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 198, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 198, 70);  
box-shadow:4px 4px 4px 4px rgb(216, 198,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4293, 0.4172, 0.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 198, 70) }
```

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

```
.background{ background-color: rgb(216,  
198, 70) }
```

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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