

Converting Colors

$Yxy(55.3495, 0.4336, 0.4498)$

Have a look what the booklet for
Yxy(55.3495, 0.4336, 0.4498)
contains.

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Color

Yxy(55.3495, 0.4336, 0.4498)

Conversions

Conversions Part 1

Format	Color
Hex	E8C04A
RGB	232, 192, 74
RGB Percent	91%, 75%, 29%
CMY	0.0903, 0.2470, 0.7098
CMYK	0.00, 0.17, 0.68, 0.09
HSL	45°, 77%, 60%
HSV	45°, 68%, 91%
XYZ	53.3560, 55.3495, 14.3480
YIQ	190.5080, 61.7180, -28.2180

Conversions

Conversions Part 2

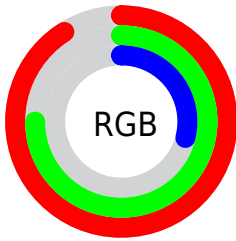
Format	Color
RYB	128, 232, 74
Decimal	15253578
CIELab	79.24, 1.94, 62.44
CIELCh	79, 62.466, 88.223
Yxy	55.3495, 0.4336, 0.4498
Android (android.graphics.Color)	4293443658 (0xFFE8C04A)
YUV	190.5080, -57.4384, 36.3885
Hunter-Lab	74.3972, -2.1790, 40.6436

Details

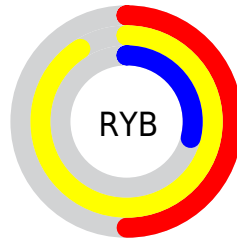
The Yxy color **55.3495, 0.4336, 0.4498** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **19.3008, 0.1925, 0.1588**, and the grayscale version is **52.1120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9533, 0.3891, 0.4447**, and **27.3692, 0.4569, 0.4717** is the 20% darker color. If you saturate the color by 10%, you get **52.5699, 0.4491, 0.4589**, and if you desaturate by 10%, it is **58.3523, 0.4160, 0.4366**.

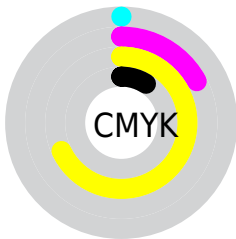
Distribution



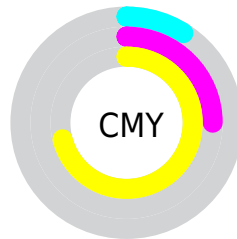
- Red (91%)
- Green (75%)
- Blue (29%)



- Red (50%)
- Yellow (91%)
- Blue (29%)



- Cyan (0%)
- Magenta (17%)
- Yellow (68%)
- Black (9%)



- Cyan (9%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3495, 0.4336, 0.4498 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 55.3495, 0.4336, 0.4498 by changing the saturation by 10% instead.


 55.3495, 0.4336,
0.4498

 55.3495, 0.4336,
0.4498

407.2354, 0.3793,
0.3961

 39.6816, 0.4444,
0.4602

 98.0528, 0.4158,
0.4324

 27.2904, 0.4565,
0.4718


 125.8571, 0.4085,
0.4252

 17.7914, 0.4696,
0.4840


 158.4756, 0.4021,
0.4189

 10.8004, 0.4851,
0.4981

 196.2927, 0.3964,
0.4132

 5.9327, 0.4947,
0.5053

 239.6928, 0.3914,
0.4082

 2.8042, 0.4968,
0.5032

289.0604, 0.3869,

 1.0304, 0.5005,

0.4038

0.4995

344.7798, 0.3829,
0.3998

0.0000, 0.0000,
0.0000

55.3495, 0.4336,
0.4498

55.3495, 0.4336,
0.4498

52.5699, 0.4491,
0.4589

58.3523, 0.4160,
0.4366

49.9909, 0.4619,
0.4631

61.5829, 0.3973,
0.4203


47.5952, 0.4716,
0.4627


65.0550, 0.3783,
0.4020

47.1558, 0.4733,
0.4624


68.7788, 0.3597,
0.3826

72.7636, 0.3418,
0.3631

 77.0181, 0.3252,
0.3439

 81.5505, 0.3099,
0.3256

 86.0709, 0.2987,
0.3128

 89.5605, 0.2987,
0.3188

Harmonies

Analogous

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



55.3495, 0.4725, 0.3945



55.3495, 0.4336, 0.4498



55.3495, 0.3653, 0.4809

Triad

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



55.3495, 0.4336, 0.4498



55.3495, 0.1812, 0.2936



55.3495, 0.3220, 0.2352

Complementary

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



55.3495, 0.4336, 0.4498



19.3008, 0.1925, 0.1588

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.



55.3495, 0.2458, 0.2100



55.3495, 0.4336, 0.4498



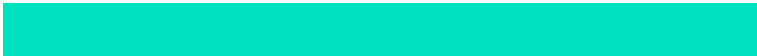
55.3495, 0.1735, 0.2346

Square

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



55.3495, 0.4336, 0.4498



55.3495, 0.2203, 0.3802



55.3495, 0.1952, 0.2083



55.3495, 0.4058, 0.2792

Rectangle

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



55.3495, 0.4336, 0.4498



55.3495, 0.3131, 0.4727



55.3495, 0.1952, 0.2083



55.3495, 0.2944, 0.2244

Sweetspot

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



55.3522, 0.4336, 0.4498



89.1856, 0.3453, 0.3670



23.3105, 0.4788, 0.2871



18.7875, 0.3503, 0.3725



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.



55.3522, 0.4336, 0.4498



63.7562, 0.4550, 0.4613



69.8045, 0.3769, 0.5000



16.1676, 0.3274, 0.3465



26.3988, 0.4722, 0.4632



2.0967, 0.4628, 0.4707

Inverse Universe

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



19.3008, 0.1925, 0.1588



16.6796, 0.1725, 0.1219



14.0909, 0.2040, 0.1221



14.4764, 0.2980, 0.3109



5.1217, 0.1583, 0.0898



0.5242, 0.1660, 0.1176

Previews

White Background



This preview shows how the Yxy color 55.3495, 0.4336, 0.4498 looks on a white background.

Color Contrast Check

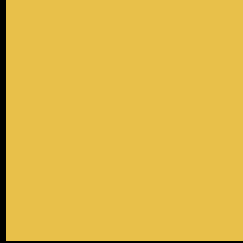
Large Text (above 18pt) WCAG AA × Fail

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 55.3495, 0.4336, 0.4498 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 55.3495, 0.4336, 0.4498

Background



This preview shows how black text looks on a background with the Yxy color 55.3495, 0.4336, 0.4498.



This preview shows how white text looks on a background with the Yxy color 55.3495, 0.4336, 0.4498.

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

55.3495, 0.4336, 0.4498

Protanopia

55.5006, 0.4181, 0.4600

Deuteranopia

55.4749, 0.4475, 0.4376



Tritanopia

55.2383, 0.3542, 0.3139

Trichromacy



Original Color

55.3495, 0.4336, 0.4498

Protanomaly

55.3855, 0.4239, 0.4557

Deuteranomaly

55.4285, 0.4423, 0.4425

Tritanomaly

54.6601, 0.3888, 0.3670

Monochromacy



Original Color

55.3495, 0.4336, 0.4498

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.5215, 0.3595, 0.3820

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3495, 0.4336, 0.4498 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(232, 192, 74)` looks like.

```
.text, #text, p{  
  color:rgb(232, 192, 74)  
}
```

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(232, 192, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 192, 74) }
```

Border

The CSS property to change the border of an element to Yxy 55.3495, 0.4336, 0.4498 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(232, 192, 74) }
```

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

```
.border{ border-color:rgb(232, 192, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 192, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 192, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 192, 74);  
box-shadow:4px 4px 4px 4px rgb(232, 192,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3495, 0.4336, 0.4498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 192, 74) }
```

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

```
.background{ background-color: rgb(232,  
192, 74) }
```

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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