

Converting Colors

Yxy(54.2834, 0.4241, 0.4126)

Have a look what the booklet for
Yxy(54.2834, 0.4241, 0.4126)
contains.

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Color

Yxy(54.1102, 0.4240, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	EFB96B
RGB	239, 185, 107
RGB Percent	94%, 73%, 42%
CMY	0.0627, 0.2745, 0.5803
CMYK	0.00, 0.23, 0.55, 0.06
HSL	35°, 81%, 68%
HSV	35°, 55%, 94%
XYZ	55.6052, 54.1102, 21.4290
YIQ	192.2540, 57.2220, -12.8100

Conversions

Conversions Part 2

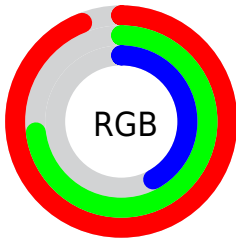
Format	Color
RYB	198, 239, 107
Decimal	15710571
CIELab	78.53, 10.74, 46.64
CIELCh	79, 47.861, 77.033
Yxy	54.1102, 0.4240, 0.4126
Android (android.graphics.Color)	4293900651 (0xFFEFB96B)
YUV	192.2540, -42.0302, 40.9962
Hunter-Lab	73.5596, 6.2025, 34.2197

Details

The Yxy color **54.1102, 0.4240, 0.4126** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.8656, 0.2207, 0.2237**, and the grayscale version is **53.0971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7087, 0.3736, 0.4098**, and **26.5012, 0.4498, 0.4286** is the 20% darker color. If you saturate the color by 10%, you get **49.7241, 0.4479, 0.4239**, and if you desaturate by 10%, it is **58.9222, 0.4003, 0.3987**.

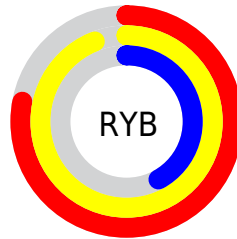
Distribution



Red (94%)

Green (73%)

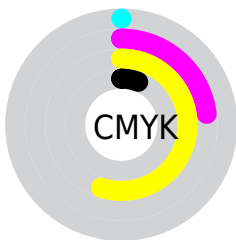
Blue (42%)



Red (78%)

Yellow (94%)

Blue (42%)

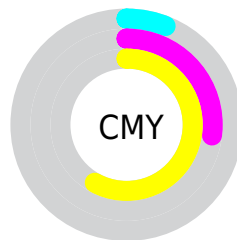


Cyan (0%)

Magenta (23%)

Yellow (55%)

Black (6%)



Cyan (6%)


Magenta (27%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1102, 0.4240, 0.4126 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 54.1102, 0.4240, 0.4126 by changing the saturation by 10% instead.


 54.1102, 0.4240,
0.4126


 54.1102, 0.4240,
0.4126


402.5301, 0.3711,
0.3751


 38.6898, 0.4358,
0.4203


 96.2360, 0.4057,
0.4002


 26.5185, 0.4501,
0.4291


 123.7102, 0.3985,
0.3951

 17.2119, 0.4674,
0.4389


 155.9711, 0.3924,
0.3907

 10.3857, 0.4882,
0.4492

 193.4031, 0.3870,
0.3868

 5.6554, 0.5204,
0.4650

236.3906, 0.3823,
0.3834

 2.6367, 0.5395,
0.4605

285.3180, 0.3781,

 0.9452, 0.5596,

0.3803

0.4404

340.5697, 0.3744,
0.3775

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.1102, 0.4240,
0.4126

54.1102, 0.4240,
0.4126

49.7241, 0.4479,
0.4239

58.9222, 0.4003,
0.3987

45.7387, 0.4709,
0.4314


64.1681, 0.3778,
0.3834


42.1370, 0.4916,
0.4339

69.8653, 0.3569,
0.3675


38.8963, 0.5089,
0.4310

76.0275, 0.3379,
0.3517

 37.4618, 0.5163,
0.4283

 82.6680, 0.3208,
0.3366

 89.7991, 0.3057,
0.3223

 96.1239, 0.3030,
0.3275

 97.0941, 0.3029,
0.3290

Harmonies

Analogous

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



54.1102, 0.4395, 0.3670



54.1102, 0.4240, 0.4126



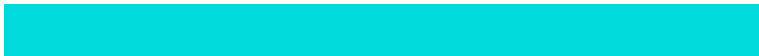
54.1102, 0.3785, 0.4423

Triad

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



54.1102, 0.4240, 0.4126



54.1102, 0.2173, 0.3268



54.1102, 0.2969, 0.2439

Complementary

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



54.1102, 0.4240, 0.4126



34.8656, 0.2207, 0.2237

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.



54.1102, 0.2424, 0.2304



54.1102, 0.4240, 0.4126



54.1102, 0.2004, 0.2708

Square

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



54.1102, 0.4240, 0.4126



54.1102, 0.2591, 0.3925



54.1102, 0.2092, 0.2384



54.1102, 0.3620, 0.2752

Rectangle

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



54.1102, 0.4240, 0.4126



54.1102, 0.3388, 0.4442



54.1102, 0.2092, 0.2384



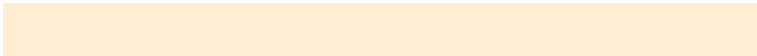
54.1102, 0.2768, 0.2372

Sweetspot

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



54.1128, 0.4240, 0.4126



86.7138, 0.3412, 0.3546



31.4835, 0.4063, 0.2699



18.2472, 0.3449, 0.3577



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.



54.1128, 0.4240, 0.4126



57.1117, 0.4503, 0.4248



79.3036, 0.3841, 0.4648



17.3111, 0.3278, 0.3429



20.9631, 0.5143, 0.4298



1.9391, 0.4984, 0.4425

Inverse Universe

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



34.8656, 0.2207, 0.2237



32.8680, 0.2037, 0.1982



20.6062, 0.2128, 0.1548



16.2911, 0.2980, 0.3147



8.4953, 0.1692, 0.1291



0.8977, 0.1764, 0.1550

Previews

White Background



This preview shows how the Yxy color 54.1102, 0.4240, 0.4126 looks on a white background.

Color Contrast Check

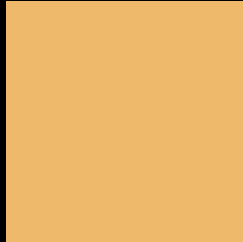
Large Text (above 18pt) WCAG AA × Fail

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 54.1102, 0.4240, 0.4126 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 54.1102, 0.4240, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 54.1102, 0.4240, 0.4126.



This preview shows how white text looks on a background with the Yxy color 54.1102, 0.4240, 0.4126.

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

54.1102, 0.4240, 0.4126

Protanopia

54.4521, 0.3938, 0.4283

Deuteranopia

54.3565, 0.4225, 0.4140



Tritanopia

53.9269, 0.3641, 0.3141

Trichromacy



Original Color

54.1102, 0.4240, 0.4126

Protanomaly

54.0537, 0.4047, 0.4221

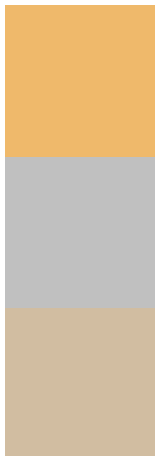
Deuteranomaly

54.3565, 0.4225, 0.4140

Tritanomaly

53.7981, 0.3873, 0.3512

Monochromacy



Original Color

54.1102, 0.4240, 0.4126

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5237, 0.3521, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1102, 0.4240, 0.4126 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(239, 185, 107)` looks like.

```
.text, #text, p{  
    color:rgb(239, 185, 107)  
}
```

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(239, 185, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 185, 107) }
```

Border

The CSS property to change the border of an element to Yxy 54.1102, 0.4240, 0.4126 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(239, 185, 107) }
```

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

```
.border{ border-color:rgb(239, 185, 107) }
```

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

Here you see how a box with a 4 pixel rgb(239, 185, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 185, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 185, 107);  
box-shadow:4px 4px 4px 4px rgb(239, 185,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1102, 0.4240, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 185, 107) }
```

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

```
.background{ background-color: rgb(239,  
185, 107) }
```

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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