

Converting Colors

Yxy(52.1882, 0.4234, 0.4040)

Have a look what the booklet for
Yxy(52.1882, 0.4234, 0.4040)
contains.

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Color

Yxy(51.9674, 0.4234, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	EEB46F
RGB	238, 180, 111
RGB Percent	93%, 71%, 44%
CMY	0.0665, 0.2942, 0.5647
CMYK	0.00, 0.24, 0.53, 0.07
HSL	33°, 79%, 68%
HSV	33°, 53%, 93%
XYZ	54.4629, 51.9674, 22.2019
YIQ	189.4760, 56.7170, -9.1630

Conversions

Conversions Part 2

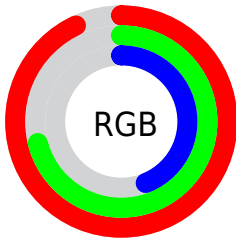
Format	Color
R_{YB}	218, 238, 111
Decimal	15643759
CIE _{Lab}	77.26, 13.31, 43.08
CIE _{LCh}	77, 45.087, 72.834
Yxy	51.9674, 0.4234, 0.4040
Android (android.graphics.Color)	4293833839 (0xFFEEB46F)
YUV	189.4760, -38.6887, 42.5555
Hunter-Lab	72.0884, 8.7022, 32.2017

Details

The Yxy color **51.9674, 0.4234, 0.4040** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.9597, 0.2255, 0.2365**, and the grayscale version is **51.3809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9312, 0.3728, 0.4014**, and **25.0994, 0.4507, 0.4186** is the 20% darker color. If you saturate the color by 10%, you get **47.2920, 0.4493, 0.4149**, and if you desaturate by 10%, it is **57.1324, 0.3984, 0.3908**.

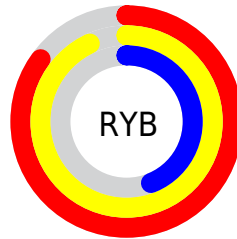
Distribution



Red (93%)

Green (71%)

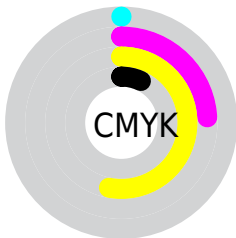
Blue (44%)



Red (85%)

Yellow (93%)

Blue (44%)

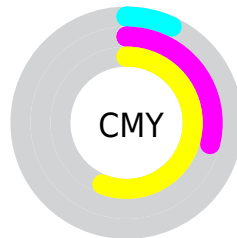


Cyan (0%)

Magenta (24%)

Yellow (53%)

Black (7%)



Cyan (7%)

Magenta (29%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9674, 0.4234, 0.4040 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 51.9674, 0.4234, 0.4040 by changing the saturation by 10% instead.


 51.9674, 0.4234,
0.4040


 51.9674, 0.4234,
0.4040


394.3107, 0.3700,
0.3703

 36.9791, 0.4357,
0.4109


 93.0832, 0.4047,
0.3928


 25.1913, 0.4506,
0.4189


 119.9794, 0.3975,
0.3883

 16.2196, 0.4691,
0.4278

 151.6137, 0.3912,
0.3843

 9.6797, 0.4918,
0.4370

 188.3706, 0.3859,
0.3808

 5.1871, 0.5261,
0.4501

230.6343, 0.3811,
0.3777

 2.3575, 0.5537,
0.4463

278.7893, 0.3770,

 0.8039, 0.5808,

0.3750

0.4192

333.2200, 0.3733,
0.3725

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9674, 0.4234,
0.4040

51.9674, 0.4234,
0.4040

47.2920, 0.4493,
0.4149

57.1324, 0.3984,
0.3908

43.0794, 0.4748,
0.4221


62.7972, 0.3750,
0.3765


39.3108, 0.4984,
0.4246

68.9808, 0.3538,
0.3617


35.9617, 0.5187,
0.4216

75.6989, 0.3348,
0.3473

 33.9510, 0.5303,
0.4171

 82.9661, 0.3179,
0.3335

 90.7968, 0.3031,
0.3205

 96.9254, 0.3024,
0.3290

Harmonies

Analogous

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



51.9674, 0.4331, 0.3594



51.9674, 0.4234, 0.4040



51.9674, 0.3833, 0.4350

Triad

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



51.9674, 0.4234, 0.4040



51.9674, 0.2256, 0.3359



51.9674, 0.2895, 0.2443

Complementary

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



51.9674, 0.4234, 0.4040



37.9597, 0.2255, 0.2365

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.



51.9674, 0.2396, 0.2341



51.9674, 0.4234, 0.4040



51.9674, 0.2057, 0.2799

Square

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



51.9674, 0.4234, 0.4040



51.9674, 0.2688, 0.3973



51.9674, 0.2107, 0.2452



51.9674, 0.3513, 0.2723

Rectangle

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



51.9674, 0.4234, 0.4040



51.9674, 0.3463, 0.4398



51.9674, 0.2107, 0.2452



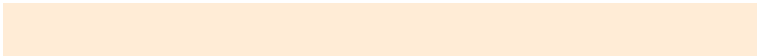
51.9674, 0.2709, 0.2387

Sweetspot

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



51.9699, 0.4234, 0.4040



86.3191, 0.3397, 0.3511



32.4703, 0.3935, 0.2648



18.1250, 0.3435, 0.3541



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.



51.9699, 0.4234, 0.4040



54.8369, 0.4515, 0.4157



79.7857, 0.3869, 0.4585



17.1810, 0.3280, 0.3418



19.1950, 0.5281, 0.4189



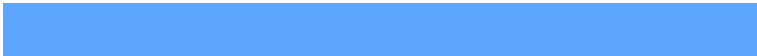
1.7956, 0.5098, 0.4334

Inverse Universe

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



37.9597, 0.2255, 0.2365



36.9000, 0.2091, 0.2134



21.2088, 0.2123, 0.1595



16.4190, 0.2980, 0.3158



9.7715, 0.1733, 0.1438



1.0095, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 51.9674, 0.4234, 0.4040 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 51.9674, 0.4234, 0.4040 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 51.9674, 0.4234, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 51.9674, 0.4234, 0.4040.



This preview shows how white text looks on a background with the Yxy color 51.9674, 0.4234, 0.4040.

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

51.9674, 0.4234, 0.4040

Protanopia

52.0547, 0.3878, 0.4204

Deuteranopia

51.9053, 0.4184, 0.4086



Tritanopia

51.8196, 0.3679, 0.3150

Trichromacy



Original Color

51.9674, 0.4234, 0.4040

Protanomaly

51.9712, 0.4007, 0.4138

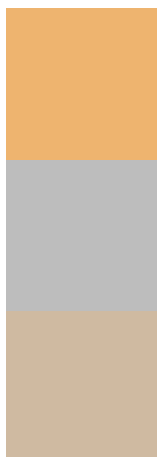
Deuteranomaly

51.8357, 0.4208, 0.4070

Tritanomaly

51.5837, 0.3902, 0.3480

Monochromacy



Original Color

51.9674, 0.4234, 0.4040

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9564, 0.3511, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9674, 0.4234, 0.4040 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(238, 180, 111)` looks like.

```
.text, #text, p{  
    color:rgb(238, 180, 111)  
}
```

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(238, 180, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 180, 111) }
```

Border

The CSS property to change the border of an element to Yxy 51.9674, 0.4234, 0.4040 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(238, 180, 111) }
```

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

```
.border{ border-color:rgb(238, 180, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 180, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 180, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 180, 111);  
box-shadow:4px 4px 4px 4px rgb(238, 180,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9674, 0.4234, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 180, 111) }
```

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

```
.background{ background-color: rgb(238,  
180, 111) }
```

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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