

Converting Colors

Yxy(53.0344, 0.4134, 0.4043)

Have a look what the booklet for
Yxy(53.0344, 0.4134, 0.4043)
contains.

| | |
|---|----|
| Yxy(53.0344, 0.4134, 0.4043) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(53.0344, 0.4134, 0.4043)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EAB874 |
| RGB | 234, 184, 116 |
| RGB Percent | 92%, 72%, 45% |
| CMY | 0.0823, 0.2784, 0.5449 |
| CMYK | 0.00, 0.21, 0.50, 0.08 |
| HSL | 35°, 74%, 69% |
| HSV | 35°, 50%, 92% |
| XYZ | 54.2281, 53.0344, 23.9134 |
| YIQ | 191.1980, 51.6280, -10.5480 |

Conversions

Conversions Part 2

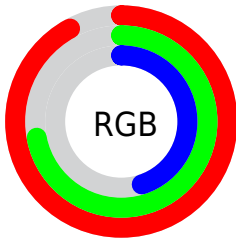
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 203, 234, 116 |
| Decimal | 15382644 |
| CIE _{Lab} | 77.90, 9.98, 41.22 |
| CIE _{LCh} | 78, 42.411, 76.394 |
| Yxy | 53.0344, 0.4134, 0.4043 |
| Android (android.graphics.Color) | 4293572724 (0xFFEAB874) |
| YUV | 191.1980, -37.0726, 37.5374 |
| Hunter-Lab | 72.8247, 5.4747, 31.5083 |

Details

The Yxy color **53.0344, 0.4134, 0.4043** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.9460, 0.2292, 0.2372**, and the grayscale version is **52.4217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4447, 0.3683, 0.4001**, and **25.8561, 0.4385, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **48.5812, 0.4378, 0.4167**, and if you desaturate by 10%, it is **57.9189, 0.3898, 0.3899**.

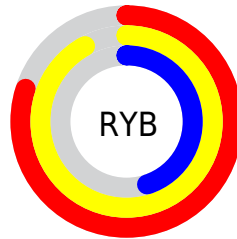
Distribution



Red (92%)

Green (72%)

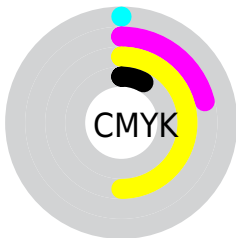
Blue (45%)



Red (80%)

Yellow (92%)

Blue (45%)

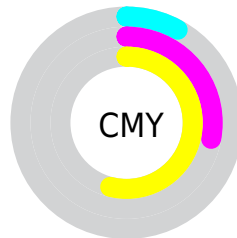


Cyan (0%)

Magenta (21%)

Yellow (50%)

Black (8%)



Cyan (8%)


Magenta (28%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0344, 0.4134, 0.4043 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 53.0344, 0.4134, 0.4043 by changing the saturation by 10% instead.


 53.0344, 0.4134,
0.4043


 53.0344, 0.4134,
0.4043


398.4171, 0.3650,
0.3699

 37.8302, 0.4245,
0.4116


 94.6550, 0.3964,
0.3927

 25.8510, 0.4381,
0.4202


 121.8402, 0.3899,
0.3880

 16.7122, 0.4550,
0.4302


 153.7879, 0.3842,
0.3840

 10.0295, 0.4759,
0.4413

190.8824, 0.3794,
0.3805

 5.4185, 0.5046,
0.4550

233.5082, 0.3751,
0.3773

 2.4949, 0.5368,
0.4632

282.0497, 0.3713,

 0.8741, 0.5564,

0.3746

0.4436

336.8911, 0.3680,
0.3721

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0344, 0.4134,
0.4043

53.0344, 0.4134,
0.4043

48.5812, 0.4378,
0.4167

57.9189, 0.3898,
0.3899

44.5352, 0.4621,
0.4259


63.2421, 0.3677,
0.3746

40.8810, 0.4848,
0.4306


69.0207, 0.3476,
0.3591


37.5978, 0.5045,
0.4301

75.2680, 0.3294,
0.3440

 34.7690, 0.5204,
0.4250

 81.9967, 0.3133,
0.3296

 89.1253, 0.2999,
0.3175

 95.2408, 0.2999,
0.3274

 96.2336, 0.2999,
0.3290

Harmonies

Analogous

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



53.0344, 0.4259, 0.3635



53.0344, 0.4134, 0.4043



53.0344, 0.3735, 0.4300

Triad

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



53.0344, 0.4134, 0.4043



53.0344, 0.2275, 0.3289



53.0344, 0.2977, 0.2515

Complementary

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



53.0344, 0.4134, 0.4043



36.9460, 0.2292, 0.2372

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.



53.0344, 0.2487, 0.2398



53.0344, 0.4134, 0.4043



53.0344, 0.2113, 0.2784

Square

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



53.0344, 0.4134, 0.4043



53.0344, 0.2661, 0.3864



53.0344, 0.2187, 0.2480



53.0344, 0.3557, 0.2798

Rectangle

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



53.0344, 0.4134, 0.4043



53.0344, 0.3381, 0.4312



53.0344, 0.2187, 0.2480



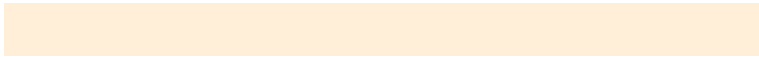
53.0344, 0.2797, 0.2456

Sweetspot

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



53.0369, 0.4134, 0.4043



87.8645, 0.3376, 0.3509



32.7897, 0.3917, 0.2722



18.4643, 0.3415, 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.



53.0369, 0.4134, 0.4043



59.1085, 0.4375, 0.4166



76.3031, 0.3805, 0.4537



16.4952, 0.3278, 0.3426



19.7916, 0.5184, 0.4266



1.7440, 0.5009, 0.4405

Inverse Universe

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



36.9460, 0.2292, 0.2372



37.6296, 0.2134, 0.2152



22.7191, 0.2214, 0.1711



15.5986, 0.2980, 0.3151



8.6106, 0.1705, 0.1337



0.8631, 0.1780, 0.1607

Previews

White Background



This preview shows how the Yxy color 53.0344, 0.4134, 0.4043 looks on a white background.

Color Contrast Check

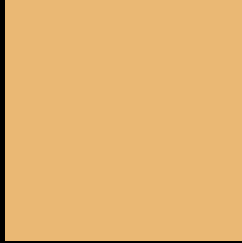
Large Text (above 18pt) WCAG AA × Fail

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 53.0344, 0.4134, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

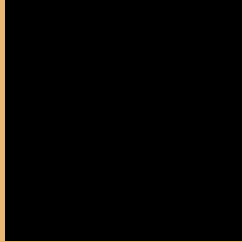
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0344, 0.4134, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 53.0344, 0.4134, 0.4043.



This preview shows how white text looks on a background with the Yxy color 53.0344, 0.4134, 0.4043.

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

53.0344, 0.4134, 0.4043

Protanopia

53.1735, 0.3848, 0.4177

Deuteranopia

53.0344, 0.4134, 0.4043



Tritanopia

52.8593, 0.3588, 0.3138

Trichromacy



Original Color

53.0344, 0.4134, 0.4043

Protanomaly

53.1950, 0.3951, 0.4130

Deuteranomaly

53.0344, 0.4134, 0.4043

Tritanomaly

52.6266, 0.3805, 0.3471

Monochromacy



Original Color

53.0344, 0.4134, 0.4043

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9122, 0.3481, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0344, 0.4134, 0.4043 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(234, 184, 116)` looks like.

```
.text, #text, p{  
    color:rgb(234, 184, 116)  
}
```

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(234, 184, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 184, 116) }
```

Border

The CSS property to change the border of an element to Yxy 53.0344, 0.4134, 0.4043 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(234, 184, 116) }
```

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

```
.border{ border-color:rgb(234, 184, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 184, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 184, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 184, 116);  
box-shadow:4px 4px 4px 4px rgb(234, 184,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0344, 0.4134, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 184, 116) }
```

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

```
.background{ background-color: rgb(234,  
184, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor