

Converting Colors

Yxy(53.1089, 0.4174, 0.4080)

Have a look what the booklet for
Yxy(53.1089, 0.4174, 0.4080)
contains.

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Color

Yxy(53.1130, 0.4174, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	EBB870
RGB	235, 184, 112
RGB Percent	92%, 72%, 44%
CMY	0.0785, 0.2784, 0.5609
CMYK	0.00, 0.22, 0.52, 0.08
HSL	35°, 75%, 68%
HSV	35°, 52%, 92%
XYZ	54.3234, 53.1130, 22.7107
YIQ	191.0410, 53.5080, -11.5800

Conversions

Conversions Part 2

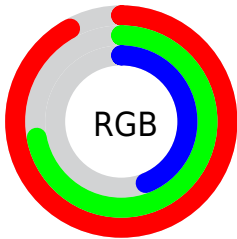
Format	Color
RYB	199, 235, 112
Decimal	15448176
CIELab	77.94, 10.02, 43.36
CIELCh	78, 44.501, 76.988
Yxy	53.1130, 0.4174, 0.4081
Android (android.graphics.Color)	4293638256 (0xFFEBB870)
YUV	191.0410, -38.9672, 38.5520
Hunter-Lab	72.8787, 5.5153, 32.5389

Details

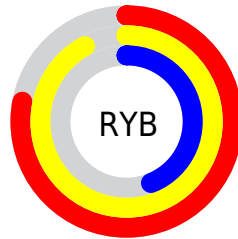
The Yxy color **53.1130, 0.4174, 0.4081** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.6213, 0.2257, 0.2313**, and the grayscale version is **52.3325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2968, 0.3708, 0.4041**, and **25.8105, 0.4421, 0.4244** is the 20% darker color. If you saturate the color by 10%, you get **48.7505, 0.4415, 0.4202**, and if you desaturate by 10%, it is **57.8958, 0.3938, 0.3938**.

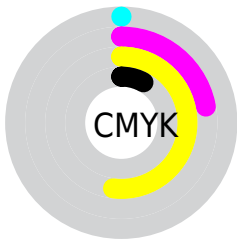
Distribution



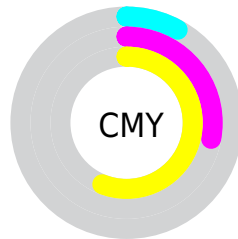
- Red (92%)
- Green (72%)
- Blue (44%)



- Red (78%)
- Yellow (92%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (8%)





- Cyan (8%)
- Magenta (28%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1130, 0.4174, 0.4081 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 53.1130, 0.4174, 0.4081 by changing the saturation by 10% instead.


 53.1130, 0.4174,
0.4081

 53.1130, 0.4174,
0.4081


398.7185, 0.3672,
0.3721

 37.8930, 0.4288,
0.4157

 94.7706, 0.3999,
0.3960


 25.8996, 0.4427,
0.4245


 121.9770, 0.3931,
0.3912

 16.7486, 0.4598,
0.4346


 153.9477, 0.3873,
0.3870

 10.0554, 0.4806,
0.4456

 191.0670, 0.3822,
0.3832

 5.4357, 0.5109,
0.4605

233.7193, 0.3778,
0.3800

 2.5051, 0.5369,
0.4631

282.2891, 0.3738,

 0.8792, 0.5566,

0.3770

0.4434

337.1607, 0.3704,
0.3744

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1130, 0.4174,
0.4081

53.1130, 0.4174,
0.4081

48.7505, 0.4415,
0.4202

57.8958, 0.3938,
0.3938

44.7841, 0.4651,
0.4288

63.1063, 0.3716,
0.3783


41.1983, 0.4869,
0.4327

68.7611, 0.3512,
0.3626


37.9719, 0.5055,
0.4314


74.8735, 0.3328,
0.3471

 35.7240, 0.5177,
0.4272

 81.4560, 0.3163,
0.3323

 88.5205, 0.3017,
0.3185

 94.6173, 0.3005,
0.3262

 96.4010, 0.3005,
0.3290

Harmonies

Analogous

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



53.1130, 0.4315, 0.3655



53.1130, 0.4174, 0.4081



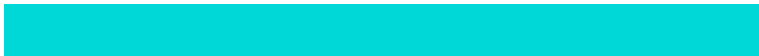
53.1130, 0.3750, 0.4351

Triad

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



53.1130, 0.4174, 0.4081



53.1130, 0.2231, 0.3275



53.1130, 0.2980, 0.2487

Complementary

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



53.1130, 0.4174, 0.4081



35.6213, 0.2257, 0.2313

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.



53.1130, 0.2466, 0.2360



53.1130, 0.4174, 0.4081



53.1130, 0.2068, 0.2749

Square

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



53.1130, 0.4174, 0.4081



53.1130, 0.2627, 0.3882



53.1130, 0.2150, 0.2439



53.1130, 0.3589, 0.2783

Rectangle

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



53.1130, 0.4174, 0.4081



53.1130, 0.3378, 0.4363



53.1130, 0.2150, 0.2439



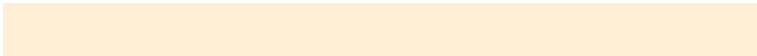
53.1130, 0.2791, 0.2423

Sweetspot

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



53.1156, 0.4174, 0.4081



87.3272, 0.3394, 0.3528



31.8971, 0.3989, 0.2725



18.3654, 0.3432, 0.3560



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.



53.1156, 0.4174, 0.4081



58.2206, 0.4438, 0.4211



76.5481, 0.3811, 0.4587



16.5198, 0.3278, 0.3428



20.1410, 0.5157, 0.4288



1.7706, 0.4987, 0.4422

Inverse Universe

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



35.6213, 0.2257, 0.2313



35.0835, 0.2084, 0.2063



21.7354, 0.2188, 0.1649



15.5745, 0.2980, 0.3148



8.3751, 0.1697, 0.1308



0.8434, 0.1772, 0.1580

Previews

White Background



This preview shows how the Yxy color 53.1130, 0.4174, 0.4081 looks on a white background.

Color Contrast Check

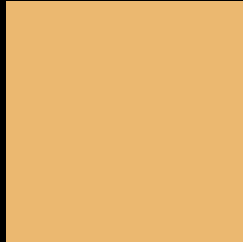
Large Text (above 18pt) WCAG AA × Fail

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 53.1130, 0.4174, 0.4081 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 53.1130, 0.4174, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 53.1130, 0.4174, 0.4081.



This preview shows how white text looks on a background with the Yxy color 53.1130, 0.4174, 0.4081.

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

53.1130, 0.4174, 0.4081

Protanopia

53.2266, 0.3886, 0.4219

Deuteranopia

53.1130, 0.4174, 0.4081



Tritanopia

53.1680, 0.3615, 0.3149

Trichromacy



Original Color

53.1130, 0.4174, 0.4081

Protanomaly

53.2575, 0.3990, 0.4169

Deuteranomaly

53.1130, 0.4174, 0.4081

Tritanomaly

52.7296, 0.3832, 0.3493

Monochromacy



Original Color

53.1130, 0.4174, 0.4081

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8405, 0.3498, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1130, 0.4174, 0.4081 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(235, 184, 112)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 112)  
}
```

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(235, 184, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 112) }
```

Border

The CSS property to change the border of an element to Yxy 53.1130, 0.4174, 0.4081 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(235, 184, 112) }
```

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

```
.border{ border-color:rgb(235, 184, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 184, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 112);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1130, 0.4174, 0.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 112) }
```

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

```
.background{ background-color: rgb(235,  
184, 112) }
```

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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