

Converting Colors

Yxy(53.8524, 0.4035, 0.3854)

Have a look what the booklet for
Yxy(53.8524, 0.4035, 0.3854)
contains.

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Color

Yxy(53.7376, 0.4038, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	EEB785
RGB	238, 183, 133
RGB Percent	93%, 72%, 52%
CMY	0.0665, 0.2824, 0.4784
CMYK	0.00, 0.23, 0.44, 0.07
HSL	29°, 76%, 73%
HSV	29°, 44%, 93%
XYZ	56.4350, 53.7376, 29.5871
YIQ	193.7450, 48.8300, -3.8900

Conversions

Conversions Part 2

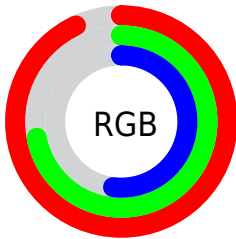
Format	Color
R _Y B	238, 228, 133
Decimal	15644549
CIE Lab	78.31, 13.75, 33.06
CIE LCh	78, 35.803, 67.421
Yxy	53.7376, 0.4038, 0.3845
Android (android.graphics.Color)	4293834629 (0xFFEEB785)
YUV	193.7450, -29.9473, 38.8116
Hunter-Lab	73.3059, 9.1338, 27.3840

Details

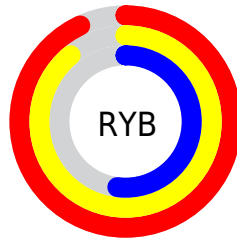
The Yxy color **53.7376, 0.4038, 0.3845** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.1441, 0.2422, 0.2649**, and the grayscale version is **53.9513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5809, 0.3570, 0.3812**, and **26.2931, 0.4271, 0.3958** is the 20% darker color. If you saturate the color by 10%, you get **48.2357, 0.4311, 0.3960**, and if you desaturate by 10%, it is **59.8497, 0.3787, 0.3718**.

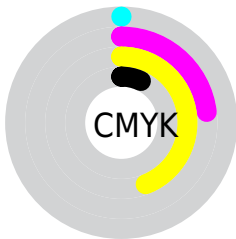
Distribution



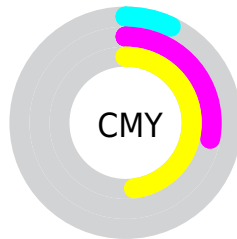
- Red (93%)
- Green (72%)
- Blue (52%)



- Red (93%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (44%)
- Black (7%)





- Cyan (7%)
- Magenta (28%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7376, 0.4038, 0.3845 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 53.7376, 0.4038, 0.3845 by changing the saturation by 10% instead.


 53.7376, 0.4038,
0.3845

 53.7376, 0.4038,
0.3845


401.1086, 0.3595,
0.3592

 38.3919, 0.4143,
0.3899


 95.6889, 0.3881,
0.3759

 26.2870, 0.4274,
0.3964


 123.0632, 0.3821,
0.3725

 17.0385, 0.4440,
0.4040


 155.2159, 0.3769,
0.3696

 10.2619, 0.4656,
0.4128

192.5314, 0.3725,
0.3670

 5.5730, 0.4941,
0.4220

235.3940, 0.3686,
0.3647

 2.5872, 0.5538,
0.4462

284.1882, 0.3652,

 0.9202, 0.5791,

0.3627

0.4209

339.2982, 0.3622,
0.3609

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7376, 0.4038,
0.3845

53.7376, 0.4038,
0.3845

48.2357, 0.4311,
0.3960

59.8497, 0.3787,
0.3718

43.3144, 0.4598,
0.4051


66.5850, 0.3563,
0.3588

38.9524, 0.4885,
0.4106


73.9653, 0.3365,
0.3460

35.1236, 0.5153,
0.4112

82.0093, 0.3192,
0.3338

 31.7985, 0.5384,
0.4063

 90.7344, 0.3042,
0.3224

 30.0599, 0.5502,
0.4013

 96.9227, 0.3024,
0.3290

Harmonies

Analogous

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



53.7376, 0.4054, 0.3482



53.7376, 0.4038, 0.3845



53.7376, 0.3766, 0.4101

Triad

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



53.7376, 0.4038, 0.3845



53.7376, 0.2486, 0.3440



53.7376, 0.2867, 0.2579

Complementary

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



53.7376, 0.4038, 0.3845



47.1441, 0.2422, 0.2649

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.



53.7376, 0.2488, 0.2530



53.7376, 0.4038, 0.3845



53.7376, 0.2281, 0.2984

Square

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



53.7376, 0.4038, 0.3845



53.7376, 0.2865, 0.3888



53.7376, 0.2283, 0.2664



53.7376, 0.3347, 0.2785

Rectangle

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



53.7376, 0.4038, 0.3845



53.7376, 0.3488, 0.4155



53.7376, 0.2283, 0.2664



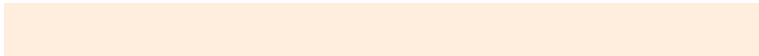
53.7376, 0.2724, 0.2544

Sweetspot

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



53.7402, 0.4038, 0.3845



87.4590, 0.3345, 0.3447



38.6323, 0.3662, 0.2677



18.2925, 0.3386, 0.3475



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.



53.7402, 0.4038, 0.3845



56.9678, 0.4285, 0.3950



79.0247, 0.3797, 0.4344



17.0000, 0.3281, 0.3403



17.0208, 0.5477, 0.4033



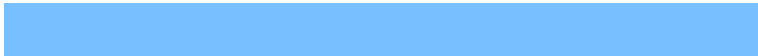
1.6139, 0.5264, 0.4202

Inverse Universe

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



47.1441, 0.2422, 0.2649



48.3206, 0.2282, 0.2488



28.9108, 0.2303, 0.1959



16.5996, 0.2980, 0.3175



11.8480, 0.1794, 0.1659



1.1848, 0.1858, 0.1889

Previews

White Background



This preview shows how the Yxy color 53.7376, 0.4038, 0.3845 looks on a white background.

Color Contrast Check

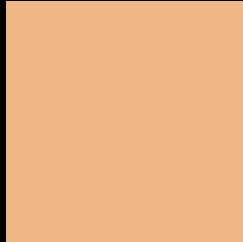
Large Text (above 18pt) WCAG AA × Fail

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 53.7376, 0.4038, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

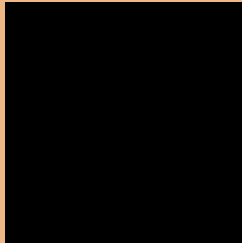
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7376, 0.4038, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 53.7376, 0.4038, 0.3845.



This preview shows how white text looks on a background with the Yxy color 53.7376, 0.4038, 0.3845.

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

53.7376, 0.4038, 0.3845

Protanopia

53.9739, 0.3690, 0.3970

Deuteranopia

53.9396, 0.3977, 0.3901



Tritanopia

53.7795, 0.3612, 0.3150

Trichromacy



Original Color

53.7376, 0.4038, 0.3845

Protanomaly

53.8201, 0.3820, 0.3925

Deuteranomaly

53.8563, 0.4000, 0.3886

Tritanomaly

53.8055, 0.3766, 0.3402

Monochromacy



Original Color

53.7376, 0.4038, 0.3845

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.5071, 0.3438, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7376, 0.4038, 0.3845 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, 183, 133)` looks like.

```
.text, #text, p{  
    color:rgb(238, 183, 133)  
}
```

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, 183, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 183, 133) }
```

Border

The CSS property to change the border of an element to Yxy 53.7376, 0.4038, 0.3845 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, 183, 133) }
```

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

```
.border{ border-color:rgb(238, 183, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 183, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 183, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 183, 133);  
box-shadow:4px 4px 4px 4px rgb(238, 183,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7376, 0.4038, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 183, 133) }
```

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

```
.background{ background-color: rgb(238,  
183, 133) }
```

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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