

Converting Colors

$Y_{xy}(52.0310, 0.3951, 0.3817)$

Have a look what the booklet for
Yxy(52.0310, 0.3951, 0.3817)
contains.

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Color

Yxy(52.0565, 0.3946, 0.3817)

Conversions

Conversions Part 1

Format	Color
Hex	E6B688
RGB	230, 182, 136
RGB Percent	90%, 71%, 53%
CMY	0.0979, 0.2863, 0.4666
CMYK	0.00, 0.21, 0.41, 0.10
HSL	29°, 65%, 72%
HSV	29°, 41%, 90%
XYZ	53.8158, 52.0565, 30.5084
YIQ	191.1080, 43.3740, -4.1300

Conversions

Conversions Part 2

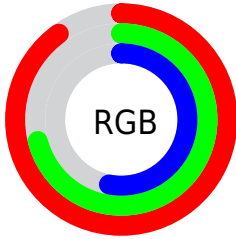
Format	Color
R_{YB}	230, 226, 136
Decimal	15120008
CIE _{Lab}	77.31, 11.43, 30.01
CIE _{LCh}	77, 32.116, 69.159
Yxy	52.0565, 0.3946, 0.3817
Android (android.graphics.Color)	4293310088 (0xFFE6B688)
YUV	191.1080, -27.1682, 34.1083
Hunter-Lab	72.1502, 6.8778, 25.4346

Details

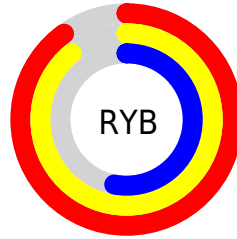
The Yxy color **52.0565, 0.3946, 0.3817** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2600, 0.2472, 0.2689**, and the grayscale version is **52.3115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1268, 0.3553, 0.3773**, and **25.2566, 0.4163, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **46.8588, 0.4208, 0.3940**, and if you desaturate by 10%, it is **57.8038, 0.3707, 0.3685**.

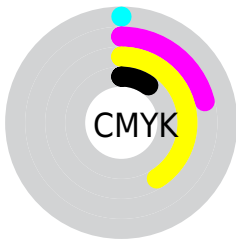
Distribution



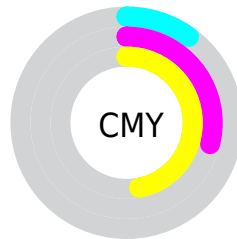
- Red (90%)
- Green (71%)
- Blue (53%)



- Red (90%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (41%)
- Black (10%)




- Cyan (10%)
- Magenta (29%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0565, 0.3946, 0.3817 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 52.0565, 0.3946, 0.3817 by changing the saturation by 10% instead.


 52.0565, 0.3946,
0.3817


 52.0565, 0.3946,
0.3817


394.6547, 0.3545,
0.3572


 37.0501, 0.4042,
0.3871


 93.2146, 0.3803,
0.3733

 25.2463, 0.4163,
0.3937


 120.1350, 0.3748,
0.3700

 16.2606, 0.4317,
0.4016


 151.7956, 0.3702,
0.3671

 9.7088, 0.4521,
0.4112

188.5808, 0.3662,
0.3646

 5.2063, 0.4795,
0.4221

230.8749, 0.3627,
0.3624

 2.3688, 0.5446,
0.4554

279.0623, 0.3596,

 0.8098, 0.5683,

0.3605

0.4317

333.5274, 0.3569,
0.3588

0.0000, 0.0000,
0.0000

52.0565, 0.3946,
0.3817

52.0565, 0.3946,
0.3817

46.8588, 0.4208,
0.3940

57.8038, 0.3707,
0.3685

42.1844, 0.4486,
0.4043

64.1111, 0.3493,
0.3552

38.0153, 0.4768,
0.4115

70.9976, 0.3305,
0.3423

34.3292, 0.5038,
0.4141

78.4795, 0.3140,
0.3300

31.1011, 0.5276,
0.4114

86.5721, 0.2997,
0.3186

■ 28.5240, 0.5461,
0.4046

■ 94.0023, 0.2976,
0.3265

■ 95.5700, 0.2976,
0.3290

Harmonies

Analogous

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



52.0565, 0.3973, 0.3490



52.0565, 0.3946, 0.3817



52.0565, 0.3691, 0.4035

Triad

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



52.0565, 0.3946, 0.3817



52.0565, 0.2528, 0.3403



52.0565, 0.2916, 0.2647

Complementary

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



52.0565, 0.3946, 0.3817



45.2600, 0.2472, 0.2689

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.



52.0565, 0.2561, 0.2594



52.0565, 0.3946, 0.3817



52.0565, 0.2350, 0.2995

Square

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



52.0565, 0.3946, 0.3817



52.0565, 0.2868, 0.3808



52.0565, 0.2362, 0.2710



52.0565, 0.3354, 0.2843

Rectangle

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



52.0565, 0.3946, 0.3817



52.0565, 0.3435, 0.4070



52.0565, 0.2362, 0.2710



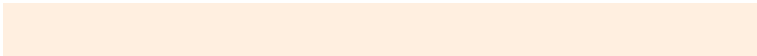
52.0565, 0.2783, 0.2612

Sweetspot

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



52.0590, 0.3946, 0.3817



88.6085, 0.3326, 0.3438



37.9278, 0.3624, 0.2740



18.7147, 0.3350, 0.3455



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.



52.0590, 0.3946, 0.3817



60.1972, 0.4165, 0.3921



74.3566, 0.3743, 0.4284



15.5256, 0.3280, 0.3405



16.3854, 0.5436, 0.4066



1.3963, 0.5207, 0.4248

Inverse Universe

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



45.2600, 0.2472, 0.2689



50.5118, 0.2339, 0.2539



29.0077, 0.2370, 0.2054



15.0990, 0.2981, 0.3172



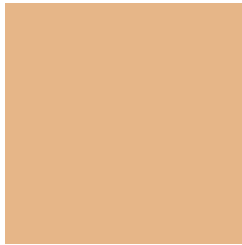
10.7550, 0.1783, 0.1619



0.9806, 0.1855, 0.1879

Previews

White Background



This preview shows how the Yxy color 52.0565, 0.3946, 0.3817 looks on a white background.

Color Contrast Check

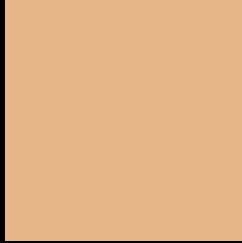
Large Text (above 18pt) WCAG AA × Fail

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 52.0565, 0.3946, 0.3817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

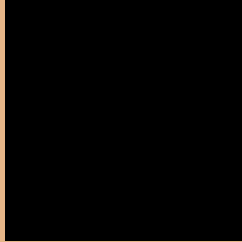
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0565, 0.3946, 0.3817

Background



This preview shows how black text looks on a background with the Yxy color 52.0565, 0.3946, 0.3817.



This preview shows how white text looks on a background with the Yxy color 52.0565, 0.3946, 0.3817.

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

52.0565, 0.3946, 0.3817

Protanopia

52.1342, 0.3650, 0.3920

Deuteranopia

51.9754, 0.3914, 0.3834



Tritanopia

51.9962, 0.3544, 0.3135

Trichromacy



Original Color

52.0565, 0.3946, 0.3817

Protanomaly

52.1267, 0.3750, 0.3880

Deuteranomaly

52.1385, 0.3923, 0.3832

Tritanomaly

52.0667, 0.3689, 0.3382

Monochromacy



Original Color

52.0565, 0.3946, 0.3817

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8858, 0.3407, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0565, 0.3946, 0.3817 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(230, 182, 136)` looks like.

```
.text, #text, p{  
    color:rgb(230, 182, 136)  
}
```

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(230, 182, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 182, 136) }
```

Border

The CSS property to change the border of an element to Yxy 52.0565, 0.3946, 0.3817 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(230, 182, 136) }
```

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

```
.border{ border-color:rgb(230, 182, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 182, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 182, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 182, 136);  
box-shadow:4px 4px 4px 4px rgb(230, 182,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0565, 0.3946, 0.3817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 182, 136) }
```

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

```
.background{ background-color: rgb(230,  
182, 136) }
```

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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