

Converting Colors

Yxy(52.4804, 0.4053, 0.3944)

Have a look what the booklet for
Yxy(52.4804, 0.4053, 0.3944)
contains.

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Color

Yxy(52.5034, 0.4050, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	E8B77D
RGB	232, 183, 125
RGB Percent	91%, 72%, 49%
CMY	0.0902, 0.2823, 0.5097
CMYK	0.00, 0.21, 0.46, 0.09
HSL	33°, 70%, 70%
HSV	33°, 46%, 91%
XYZ	53.9145, 52.5034, 26.7043
YIQ	191.0390, 47.8220, -7.6500

Conversions

Conversions Part 2

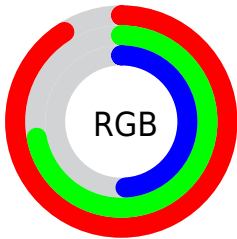
Format	Color
R_{YB}	215, 232, 125
Decimal	15251325
CIE _{Lab}	77.58, 10.53, 36.16
CIE _{LCh}	78, 37.659, 73.761
Yxy	52.5034, 0.4050, 0.3944
Android (android.graphics.Color)	4293441405 (0xFFE8B77D)
YUV	191.0390, -32.5572, 35.9228
Hunter-Lab	72.4592, 6.0122, 28.8706

Details

The Yxy color **52.5034, 0.4050, 0.3944** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.4687, 0.2374, 0.2517**, and the grayscale version is **52.2983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2074, 0.3628, 0.3903**, and **25.4719, 0.4284, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **47.7611, 0.4303, 0.4070**, and if you desaturate by 10%, it is **57.7202, 0.3812, 0.3803**.

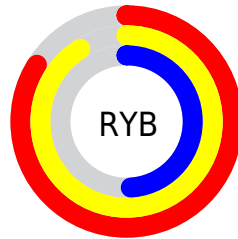
Distribution



Red (91%)

Green (72%)

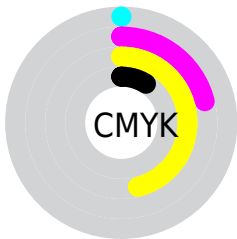
Blue (49%)



Red (84%)

Yellow (91%)

Blue (49%)

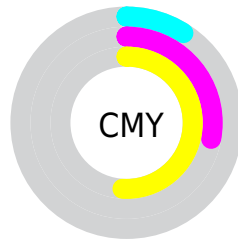


Cyan (0%)

Magenta (21%)

Yellow (46%)

Black (9%)



Cyan (9%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5034, 0.4050, 0.3944 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 52.5034, 0.4050, 0.3944 by changing the saturation by 10% instead.

 52.5034, 0.4050,
0.3944

 52.5034, 0.4050,
0.3944


396.3769, 0.3602,
0.3642


 37.4065, 0.4155,
0.4010


 93.8732, 0.3892,
0.3841

 25.5224, 0.4285,
0.4088


 120.9149, 0.3831,
0.3800

 16.4667, 0.4449,
0.4181


 152.7070, 0.3779,
0.3765

 9.8550, 0.4659,
0.4288

189.6339, 0.3734,
0.3734

 5.3029, 0.4932,
0.4406

232.0799, 0.3694,
0.3707

 2.4261, 0.5399,
0.4601

280.4295, 0.3660,

 0.8393, 0.5612,

0.3683

0.4388

335.0670, 0.3629,
0.3661

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.5034, 0.4050,
0.3944

52.5034, 0.4050,
0.3944

47.7611, 0.4303,
0.4070

57.7202, 0.3812,
0.3803

43.4686, 0.4562,
0.4170


63.4197, 0.3593,
0.3657


39.6099, 0.4814,
0.4231


69.6195, 0.3397,
0.3511

36.1643, 0.5043,
0.4242

76.3336, 0.3223,
0.3372

 33.1077, 0.5235,
0.4198

 83.5755, 0.3070,
0.3240

 32.0107, 0.5304,
0.4171

 90.7493, 0.2987,
0.3207

 95.8952, 0.2987,
0.3290

Harmonies

Analogous

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



52.5034, 0.4131, 0.3574



52.5034, 0.4050, 0.3944



52.5034, 0.3715, 0.4181

Triad

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



52.5034, 0.4050, 0.3944



52.5034, 0.2386, 0.3339



52.5034, 0.2952, 0.2575

Complementary

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



52.5034, 0.4050, 0.3944



40.4687, 0.2374, 0.2517

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.



52.5034, 0.2522, 0.2484



52.5034, 0.4050, 0.3944



52.5034, 0.2217, 0.2876

Square

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



52.5034, 0.4050, 0.3944



52.5034, 0.2751, 0.3837



52.5034, 0.2266, 0.2581



52.5034, 0.3468, 0.2820

Rectangle

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



52.5034, 0.4050, 0.3944



52.5034, 0.3404, 0.4202



52.5034, 0.2266, 0.2581



52.5034, 0.2794, 0.2525

Sweetspot

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



52.5059, 0.4050, 0.3944



87.9181, 0.3360, 0.3482



34.9233, 0.3777, 0.2729



18.4439, 0.3400, 0.3513



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.



52.5059, 0.4050, 0.3944



59.6511, 0.4282, 0.4061



75.7571, 0.3781, 0.4428



15.6558, 0.3279, 0.3417



18.0268, 0.5281, 0.4189



1.5174, 0.5079, 0.4349

Inverse Universe

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



40.4687, 0.2374, 0.2517



43.0822, 0.2227, 0.2328



25.1366, 0.2278, 0.1854



14.9693, 0.2981, 0.3159



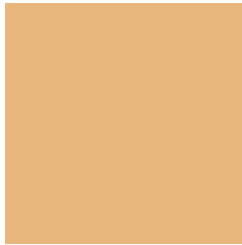
9.2320, 0.1735, 0.1445



0.8661, 0.1812, 0.1723

Previews

White Background



This preview shows how the Yxy color 52.5034, 0.4050, 0.3944 looks on a white background.

Color Contrast Check

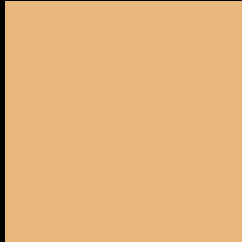
Large Text (above 18pt) WCAG AA × Fail

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 52.5034, 0.4050, 0.3944 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 52.5034, 0.4050, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 52.5034, 0.4050, 0.3944.



This preview shows how white text looks on a background with the Yxy color 52.5034, 0.4050, 0.3944.

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

52.5034, 0.4050, 0.3944

Protanopia

52.6941, 0.3759, 0.4057

Deuteranopia

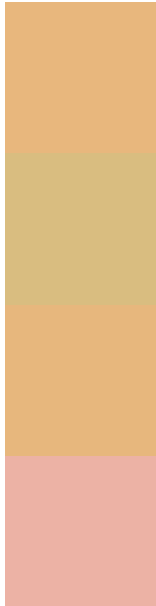
52.3366, 0.4041, 0.3947



Tritanopia

52.4679, 0.3579, 0.3148

Trichromacy



Original Color

52.5034, 0.4050, 0.3944

Protanomaly

52.7054, 0.3861, 0.4013

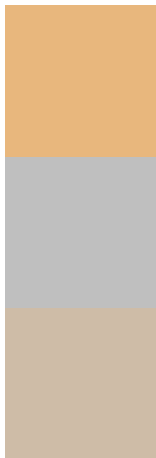
Deuteranomaly

52.3366, 0.4041, 0.3947

Tritanomaly

52.3903, 0.3761, 0.3438

Monochromacy



Original Color

52.5034, 0.4050, 0.3944

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8783, 0.3448, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5034, 0.4050, 0.3944 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(232, 183, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 125)  
}
```

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(232, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 125) }
```

Border

The CSS property to change the border of an element to Yxy 52.5034, 0.4050, 0.3944 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(232, 183, 125) }
```

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

```
.border{ border-color:rgb(232, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5034, 0.4050, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 125) }
```

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

```
.background{ background-color: rgb(232,  
183, 125) }
```

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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