

Converting Colors

$Yxy(52.3594, 0.3994, 0.3852)$

Have a look what the booklet for
Yxy(52.3594, 0.3994, 0.3852)
contains.

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Color

Yxy(52.3052, 0.3989, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	E8B685
RGB	232, 182, 133
RGB Percent	91%, 71%, 52%
CMY	0.0903, 0.2862, 0.4785
CMYK	0.00, 0.22, 0.43, 0.09
HSL	30°, 68%, 72%
HSV	30°, 43%, 91%
XYZ	54.2359, 52.3052, 29.4225
YIQ	191.3640, 45.5290, -4.6390

Conversions

Conversions Part 2

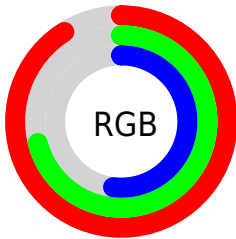
Format	Color
R _Y B	232, 230, 133
Decimal	15251077
CIE Lab	77.46, 11.86, 31.84
CIE LCh	77, 33.979, 69.571
Yxy	52.3052, 0.3989, 0.3847
Android (android.graphics.Color)	4293441157 (0xFFE8B685)
YUV	191.3640, -28.7735, 35.6378
Hunter-Lab	72.3223, 7.2964, 26.5050

Details

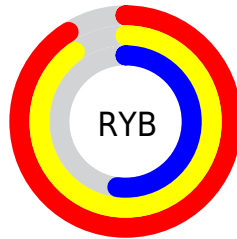
The Yxy color **52.3052, 0.3989, 0.3847** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6609, 0.2441, 0.2649**, and the grayscale version is **52.4735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9969, 0.3572, 0.3803**, and **25.3237, 0.4208, 0.3966** is the 20% darker color. If you saturate the color by 10%, you get **47.1377, 0.4252, 0.3969**, and if you desaturate by 10%, it is **58.0204, 0.3747, 0.3715**.

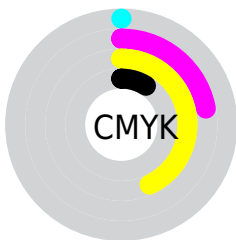
Distribution



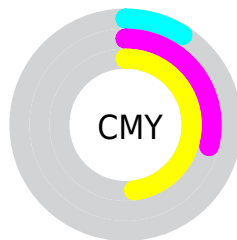
- Red (91%)
- Green (71%)
- Blue (52%)



- Red (91%)
- Yellow (90%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3052, 0.3989, 0.3847 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 52.3052, 0.3989, 0.3847 by changing the saturation by 10% instead.


 52.3052, 0.3989,
0.3847

 52.3052, 0.3989,
0.3847


395.6137, 0.3568,
0.3590


 37.2484, 0.4089,
0.3904


 93.5812, 0.3839,
0.3759

 25.3999, 0.4215,
0.3971


 120.5692, 0.3782,
0.3724

 16.3752, 0.4375,
0.4053

 152.3030, 0.3733,
0.3694

 9.7901, 0.4584,
0.4149

189.1671, 0.3691,
0.3668

 5.2600, 0.4863,
0.4256

231.5458, 0.3654,
0.3645

 2.4006, 0.5464,
0.4536

279.8235, 0.3622,

 0.8262, 0.5704,

0.3624

0.4296

334.3847, 0.3593,
0.3606

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3052, 0.3989,
0.3847

52.3052, 0.3989,
0.3847

47.1377, 0.4252,
0.3969

58.0204, 0.3747,
0.3715

42.4913, 0.4530,
0.4069


64.2938, 0.3529,
0.3580

38.3476, 0.4808,
0.4134

71.1448, 0.3337,
0.3448


34.6841, 0.5070,
0.4153

78.5898, 0.3168,
0.3322

 31.4748, 0.5299,
0.4116

 86.6440, 0.3022,
0.3205

 29.3883, 0.5443,
0.4061

 94.1660, 0.2987,
0.3263

 95.8932, 0.2987,
0.3290

Harmonies

Analogous

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



52.3052, 0.4022, 0.3503



52.3052, 0.3989, 0.3847



52.3052, 0.3715, 0.4078

Triad

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



52.3052, 0.3989, 0.3847



52.3052, 0.2492, 0.3401



52.3052, 0.2909, 0.2616

Complementary

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



52.3052, 0.3989, 0.3847



44.6609, 0.2441, 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.



52.3052, 0.2535, 0.2558



52.3052, 0.3989, 0.3847



52.3052, 0.2308, 0.2971

Square

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



52.3052, 0.3989, 0.3847



52.3052, 0.2847, 0.3834



52.3052, 0.2324, 0.2674



52.3052, 0.3372, 0.2824

Rectangle

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



52.3052, 0.3989, 0.3847



52.3052, 0.3444, 0.4116



52.3052, 0.2324, 0.2674



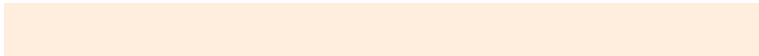
52.3052, 0.2769, 0.2578

Sweetspot

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



52.3077, 0.3989, 0.3847



87.8304, 0.3344, 0.3453



37.3913, 0.3655, 0.2715



18.3840, 0.3385, 0.3482



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.



52.3077, 0.3989, 0.3847



59.2870, 0.4214, 0.3953



75.6265, 0.3769, 0.4326



15.5410, 0.3280, 0.3407



16.5691, 0.5417, 0.4081



1.4101, 0.5191, 0.4260

Inverse Universe

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



44.6609, 0.2441, 0.2649



48.6619, 0.2306, 0.2491



28.0378, 0.2331, 0.1990



15.0836, 0.2981, 0.3171



10.5641, 0.1777, 0.1598



0.9665, 0.1850, 0.1860

Previews

White Background



This preview shows how the Yxy color 52.3052, 0.3989, 0.3847 looks on a white background.

Color Contrast Check

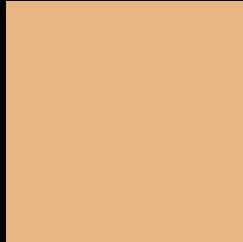
Large Text (above 18pt) WCAG AA × Fail

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 52.3052, 0.3989, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

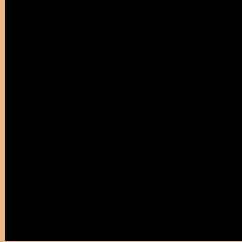
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3052, 0.3989, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 52.3052, 0.3989, 0.3847.



This preview shows how white text looks on a background with the Yxy color 52.3052, 0.3989, 0.3847.

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

52.3052, 0.3989, 0.3847

Protanopia

52.1896, 0.3683, 0.3955

Deuteranopia

52.2184, 0.3957, 0.3864



Tritanopia

52.2953, 0.3571, 0.3147

Trichromacy



Original Color

52.3052, 0.3989, 0.3847

Protanomaly

52.1911, 0.3783, 0.3914

Deuteranomaly

52.3834, 0.3966, 0.3862

Tritanomaly

52.3301, 0.3725, 0.3405

Monochromacy



Original Color

52.3052, 0.3989, 0.3847

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9905, 0.3423, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3052, 0.3989, 0.3847 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, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 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(232, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 133) }
```

Border

The CSS property to change the border of an element to Yxy 52.3052, 0.3989, 0.3847 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, 182, 133) }
```

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

```
.border{ border-color:rgb(232, 182, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 133);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3052, 0.3989, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 133) }
```

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

```
.background{ background-color: rgb(232,  
182, 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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