

Converting Colors

Yxy(52.1768, 0.4097, 0.4068)

Have a look what the booklet for
Yxy(52.1768, 0.4097, 0.4068)
contains.

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Color

Yxy(52.1768, 0.4097, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	E5B873
RGB	229, 184, 115
RGB Percent	90%, 72%, 45%
CMY	0.1020, 0.2784, 0.5488
CMYK	0.00, 0.20, 0.50, 0.10
HSL	36°, 69%, 67%
HSV	36°, 50%, 90%
XYZ	52.5488, 52.1768, 23.5360
YIQ	189.5890, 48.9690, -11.9190

Conversions

Conversions Part 2

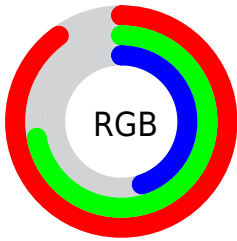
Format	Color
R _Y B	189, 229, 115
Decimal	15054963
CIE Lab	77.39, 7.84, 40.98
CIE LCh	77, 41.726, 79.164
Yxy	52.1768, 0.4097, 0.4068
Android (android.graphics.Color)	4293245043 (0xFFE5B873)
YUV	189.5890, -36.7724, 34.5634
Hunter-Lab	72.2335, 3.4473, 31.2449

Details

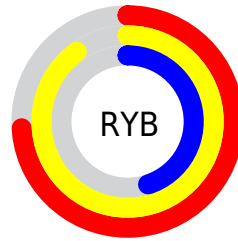
The Yxy color **52.1768, 0.4097, 0.4068** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.4599, 0.2295, 0.2340**, and the grayscale version is **51.4415, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4073, 0.3689, 0.4011**, and **25.2722, 0.4336, 0.4237** is the 20% darker color. If you saturate the color by 10%, you get **48.0785, 0.4330, 0.4200**, and if you desaturate by 10%, it is **56.6512, 0.3870, 0.3917**.

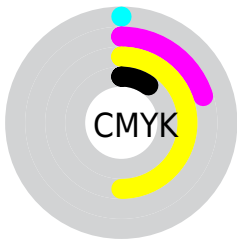
Distribution



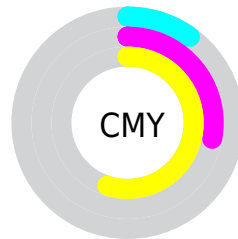
- Red (90%)
- Green (72%)
- Blue (45%)



- Red (74%)
- Yellow (90%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (50%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1768, 0.4097, 0.4068 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 52.1768, 0.4097, 0.4068 by changing the saturation by 10% instead.


 52.1768, 0.4097,
0.4068

 52.1768, 0.4097,
0.4068


395.1188, 0.3630,
0.3708


 37.1460, 0.4204,
0.4146


 93.3919, 0.3934,
0.3945

 25.3206, 0.4336,
0.4238


 120.3451, 0.3870,
0.3897

 16.3161, 0.4498,
0.4347


 152.0411, 0.3816,
0.3855

 9.7481, 0.4699,
0.4470

188.8645, 0.3769,
0.3818

 5.2322, 0.4981,
0.4633

231.1995, 0.3727,
0.3785

 2.3842, 0.5271,
0.4729

279.4306, 0.3691,

 0.8177, 0.5439,

0.3757

0.4561

333.9423, 0.3659,
0.3731

0.0000, 0.0000,
0.0000

52.1768, 0.4097,
0.4068

52.1768, 0.4097,
0.4068

48.0785, 0.4330,
0.4200

56.6512, 0.3870,
0.3917

44.3343, 0.4560,
0.4300

61.5073, 0.3656,
0.3756

40.9311, 0.4774,
0.4357

66.7600, 0.3460,
0.3594

37.8506, 0.4960,
0.4363

72.4207, 0.3282,
0.3437

35.0654, 0.5114,
0.4320

78.5006, 0.3124,
0.3286

■ 35.0010, 0.5118,
0.4318

■ 85.0101, 0.2983,
0.3146

■ 90.5785, 0.2969,
0.3212

■ 95.3968, 0.2970,
0.3290

Harmonies

Analogous

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



52.1768, 0.4250, 0.3673



52.1768, 0.4097, 0.4068



52.1768, 0.3684, 0.4300

Triad

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



52.1768, 0.4097, 0.4068



52.1768, 0.2259, 0.3238



52.1768, 0.3031, 0.2542

Complementary

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



52.1768, 0.4097, 0.4068



34.4599, 0.2295, 0.2340

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.



52.1768, 0.2532, 0.2409



52.1768, 0.4097, 0.4068



52.1768, 0.2119, 0.2753

Square

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



52.1768, 0.4097, 0.4068



52.1768, 0.2623, 0.3808



52.1768, 0.2215, 0.2472



52.1768, 0.3604, 0.2835

Rectangle

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



52.1768, 0.4097, 0.4068



52.1768, 0.3328, 0.4289



52.1768, 0.2215, 0.2472



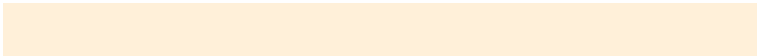
52.1768, 0.2849, 0.2478

Sweetspot

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



52.1793, 0.4097, 0.4068



88.5169, 0.3375, 0.3520



31.4901, 0.3948, 0.2772



18.6217, 0.3413, 0.3554



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.



52.1793, 0.4097, 0.4068



61.0669, 0.4344, 0.4207



72.1173, 0.3767, 0.4535



15.8120, 0.3277, 0.3432



20.2544, 0.5100, 0.4333



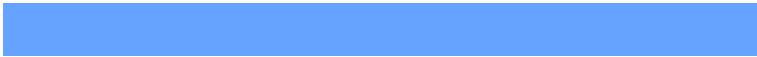
1.6767, 0.4932, 0.4466

Inverse Universe

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



34.4599, 0.2295, 0.2340



36.0294, 0.2121, 0.2092



22.3995, 0.2257, 0.1746



14.8161, 0.2981, 0.3144



7.6746, 0.1681, 0.1252



0.7441, 0.1762, 0.1542

Previews

White Background



This preview shows how the Yxy color 52.1768, 0.4097, 0.4068 looks on a white background.

Color Contrast Check

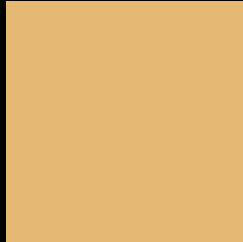
Large Text (above 18pt) WCAG AA × Fail

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 52.1768, 0.4097, 0.4068 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 52.1768, 0.4097, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 52.1768, 0.4097, 0.4068.



This preview shows how white text looks on a background with the Yxy color 52.1768, 0.4097, 0.4068.

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

52.1768, 0.4097, 0.4068

Protanopia

52.1249, 0.3856, 0.4171

Deuteranopia

52.2606, 0.4130, 0.4049



Tritanopia

52.1669, 0.3553, 0.3136

Trichromacy



Original Color

52.1768, 0.4097, 0.4068

Protanomaly

51.8497, 0.3942, 0.4128

Deuteranomaly

52.0937, 0.4121, 0.4052

Tritanomaly

51.7731, 0.3760, 0.3474

Monochromacy



Original Color

52.1768, 0.4097, 0.4068

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4482, 0.3463, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1768, 0.4097, 0.4068 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(229, 184, 115)` looks like.

```
.text, #text, p{  
    color:rgb(229, 184, 115)  
}
```

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(229, 184, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 184, 115) }
```

Border

The CSS property to change the border of an element to Yxy 52.1768, 0.4097, 0.4068 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(229, 184, 115) }
```

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

```
.border{ border-color:rgb(229, 184, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 184, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 184, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 184, 115);  
box-shadow:4px 4px 4px 4px rgb(229, 184,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1768, 0.4097, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 184, 115) }
```

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

```
.background{ background-color: rgb(229,  
184, 115) }
```

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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