

Converting Colors

$Y_{xy}(53.0225, 0.4019, 0.3758)$

Have a look what the booklet for
Yxy(53.0225, 0.4019, 0.3758)
contains.

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Color

Yxy(52.8282, 0.4019, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	EFB48A
RGB	239, 180, 138
RGB Percent	94%, 71%, 54%
CMY	0.0627, 0.2941, 0.4587
CMYK	0.00, 0.25, 0.42, 0.06
HSL	25°, 76%, 74%
HSV	25°, 42%, 94%
XYZ	56.5123, 52.8282, 31.2723
YIQ	192.8530, 48.6460, -0.5540

Conversions

Conversions Part 2

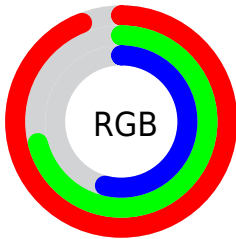
Format	Color
R _Y B	239, 210, 138
Decimal	15709322
CIE Lab	77.77, 16.24, 29.72
CIE LCh	78, 33.872, 61.341
Yxy	52.8282, 0.4019, 0.3757
Android (android.graphics.Color)	4293899402 (0xFFEFB48A)
YUV	192.8530, -27.0425, 40.4709
Hunter-Lab	72.6830, 11.5915, 25.3683

Details

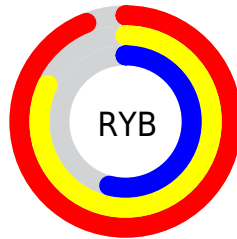
The Yxy color **52.8282, 0.4019, 0.3757** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.5953, 0.2464, 0.2761**, and the grayscale version is **53.3811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0567, 0.3544, 0.3733**, and **25.7071, 0.4252, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **46.8539, 0.4308, 0.3860**, and if you desaturate by 10%, it is **59.5284, 0.3759, 0.3645**.

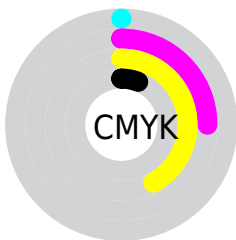
Distribution



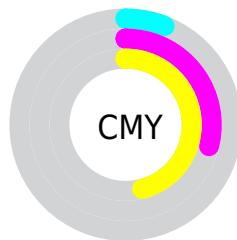
- Red (94%)
- Green (71%)
- Blue (54%)



- Red (94%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (25%)
- Yellow (42%)
- Black (6%)





- Cyan (6%)
- Magenta (29%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8282, 0.4019, 0.3757 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 52.8282, 0.4019, 0.3757 by changing the saturation by 10% instead.

 52.8282, 0.4019,
0.3757


 52.8282, 0.4019,
0.3757


397.6256, 0.3582,
0.3546


 37.6656, 0.4124,
0.3802


 94.3515, 0.3863,
0.3686

 25.7233, 0.4255,
0.3855

 121.4811, 0.3803,
0.3657

 16.6167, 0.4424,
0.3918


 153.3684, 0.3753,
0.3633

 9.9616, 0.4647,
0.3990

190.3979, 0.3709,
0.3611

 5.3735, 0.4950,
0.4065

232.9540, 0.3671,
0.3592

 2.4680, 0.5599,
0.4289

281.4211, 0.3638,

 0.8606, 0.5965,

0.3575

0.4035

336.1835, 0.3608,
0.3559

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8282, 0.4019,
0.3757

52.8282, 0.4019,
0.3757

46.8539, 0.4308,
0.3860

59.5284, 0.3759,
0.3645

41.5711, 0.4618,
0.3942

66.9721, 0.3531,
0.3530

36.9533, 0.4936,
0.3992

75.1858, 0.3333,
0.3419

32.9692, 0.5240,
0.3995

84.1921, 0.3162,
0.3313

■ 29.5835, 0.5506,
0.3943

■ 93.8482, 0.3030,
0.3239

■ 27.3401, 0.5679,
0.3872

■ 97.0946, 0.3029,
0.3290

Harmonies

Analogous

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



52.8282, 0.3978, 0.3402



52.8282, 0.4019, 0.3757



52.8282, 0.3806, 0.4028

Triad

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



52.8282, 0.4019, 0.3757



52.8282, 0.2578, 0.3526



52.8282, 0.2795, 0.2588

Complementary

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



52.8282, 0.4019, 0.3757



51.5953, 0.2464, 0.2761

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.



52.8282, 0.2463, 0.2576



52.8282, 0.4019, 0.3757



52.8282, 0.2344, 0.3081

Square

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



52.8282, 0.4019, 0.3757



52.8282, 0.2966, 0.3924



52.8282, 0.2304, 0.2742



52.8282, 0.3242, 0.2757

Rectangle

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



52.8282, 0.4019, 0.3757



52.8282, 0.3559, 0.4109



52.8282, 0.2304, 0.2742



52.8282, 0.2668, 0.2565

Sweetspot

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



52.8307, 0.4019, 0.3757



86.3014, 0.3347, 0.3427



40.6450, 0.3561, 0.2633



18.0077, 0.3389, 0.3452



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.



52.8307, 0.4019, 0.3757



54.9765, 0.4275, 0.3850



76.1860, 0.3798, 0.4243



16.8380, 0.3283, 0.3389



15.3507, 0.5652, 0.3895



1.4689, 0.5416, 0.4082

Inverse Universe

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



51.5953, 0.2464, 0.2761



53.3297, 0.2333, 0.2626



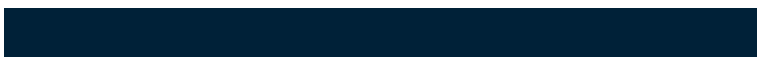
32.8580, 0.2357, 0.2111



16.7639, 0.2980, 0.3189



14.0230, 0.1853, 0.1869



1.3625, 0.1910, 0.2074

Previews

White Background



This preview shows how the Yxy color 52.8282, 0.4019, 0.3757 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 52.8282, 0.4019, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

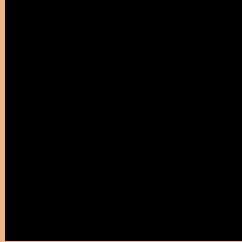
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8282, 0.4019, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 52.8282, 0.4019, 0.3757.



This preview shows how white text looks on a background with the Yxy color 52.8282, 0.4019, 0.3757.

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

52.8282, 0.4019, 0.3757

Protanopia

52.8043, 0.3632, 0.3893

Deuteranopia

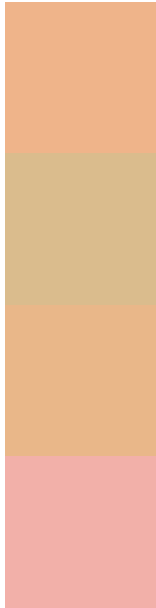
52.7451, 0.3919, 0.3830



Tritanopia

52.7081, 0.3647, 0.3139

Trichromacy



Original Color

52.8282, 0.4019, 0.3757

Protanomaly

52.7950, 0.3770, 0.3849

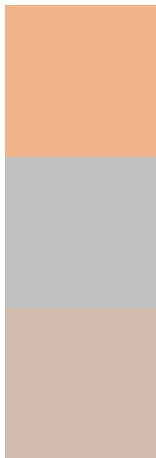
Deuteranomaly

52.9968, 0.3959, 0.3811

Tritanomaly

52.7925, 0.3785, 0.3369

Monochromacy



Original Color

52.8282, 0.4019, 0.3757

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.6852, 0.3434, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8282, 0.4019, 0.3757 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(239, 180, 138)` looks like.

```
.text, #text, p{  
    color:rgb(239, 180, 138)  
}
```

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(239, 180, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 180, 138) }
```

Border

The CSS property to change the border of an element to Yxy 52.8282, 0.4019, 0.3757 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(239, 180, 138) }
```

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

```
.border{ border-color:rgb(239, 180, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 180, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 180, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 180, 138);  
box-shadow:4px 4px 4px 4px rgb(239, 180,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8282, 0.4019, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 180, 138) }
```

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

```
.background{ background-color: rgb(239,  
180, 138) }
```

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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