

Converting Colors

Yxy(51.5166, 0.3940, 0.3676)

Have a look what the booklet for
Yxy(51.5166, 0.3940, 0.3676)
contains.

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Color

Yxy(51.5166, 0.3940, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	EBB290
RGB	235, 178, 144
RGB Percent	92%, 70%, 56%
CMY	0.0784, 0.3019, 0.4354
CMYK	0.00, 0.24, 0.39, 0.08
HSL	22°, 69%, 74%
HSV	22°, 39%, 92%
XYZ	55.2164, 51.5166, 33.4101
YIQ	191.1670, 44.8860, 1.5100

Conversions

Conversions Part 2

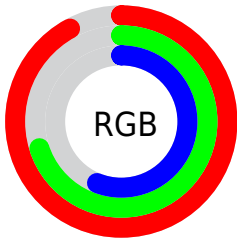
Format	Color
R _Y B	235, 198, 144
Decimal	15446672
CIE Lab	76.99, 16.38, 25.43
CIE LCh	77, 30.250, 57.217
Yxy	51.5166, 0.3940, 0.3676
Android (android.graphics.Color)	4293636752 (0xFFEBB290)
YUV	191.1670, -23.2533, 38.4415
Hunter-Lab	71.7751, 11.7132, 22.6440

Details

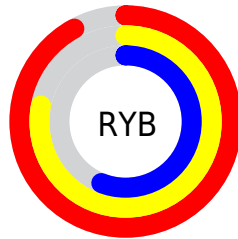
The Yxy color **51.5166, 0.3940, 0.3676** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6924, 0.2526, 0.2863**, and the grayscale version is **52.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1829, 0.3509, 0.3653**, and **24.8047, 0.4161, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **45.3278, 0.4231, 0.3773**, and if you desaturate by 10%, it is **58.4882, 0.3683, 0.3573**.

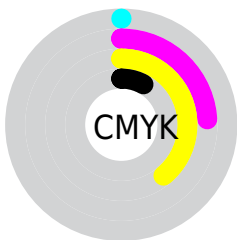
Distribution



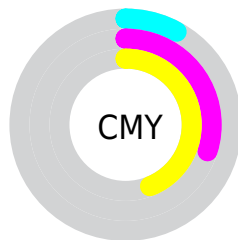
- Red (92%)
- Green (70%)
- Blue (56%)



- Red (92%)
- Yellow (78%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (39%)
- Black (8%)





- Cyan (8%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5166, 0.3940, 0.3676 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 51.5166, 0.3940, 0.3676 by changing the saturation by 10% instead.


 51.5166, 0.3940,
0.3676


 51.5166, 0.3940,
0.3676


392.5676, 0.3538,
0.3500

 36.6199, 0.4038,
0.3714


 92.4179, 0.3796,
0.3616

 24.9133, 0.4161,
0.3760


 119.1914, 0.3741,
0.3593

 16.0125, 0.4321,
0.3814


150.6925, 0.3695,
0.3572

 9.5330, 0.4536,
0.3877

187.3057, 0.3655,
0.3554

 5.0904, 0.4836,
0.3946

229.4155, 0.3620,
0.3538

 2.3004, 0.5412,
0.4106

277.4061, 0.3589,

 0.7739, 0.6021,

0.3524

0.3979

331.6620, 0.3562,
0.3511

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.5166, 0.3940,
0.3676

51.5166, 0.3940,
0.3676

45.3278, 0.4231,
0.3773

58.4882, 0.3683,
0.3573

39.8854, 0.4550,
0.3853

66.2626, 0.3461,
0.3470

35.1607, 0.4887,
0.3907

74.8683, 0.3271,
0.3372

31.1199, 0.5220,
0.3919

84.3299, 0.3108,
0.3279

■ 27.7257, 0.5521,
0.3880

■ 94.2465, 0.3005,
0.3256

■ 24.9324, 0.5767,
0.3792

■ 96.4038, 0.3005,
0.3290

■ 24.6170, 0.5796,
0.3780

Harmonies

Analogous

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



51.5166, 0.3869, 0.3349



51.5166, 0.3940, 0.3676



51.5166, 0.3779, 0.3932

Triad

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



51.5166, 0.3940, 0.3676



51.5166, 0.2673, 0.3558



51.5166, 0.2779, 0.2641

Complementary

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



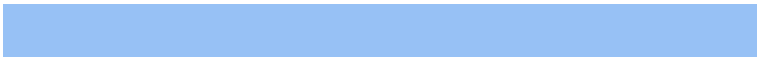
51.5166, 0.3940, 0.3676



53.6924, 0.2526, 0.2863

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.



51.5166, 0.2495, 0.2654



51.5166, 0.3940, 0.3676



51.5166, 0.2436, 0.3157

Square

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



51.5166, 0.3940, 0.3676



51.5166, 0.3039, 0.3893



51.5166, 0.2374, 0.2831



51.5166, 0.3175, 0.2777

Rectangle

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



51.5166, 0.3940, 0.3676



51.5166, 0.3570, 0.4019



51.5166, 0.2374, 0.2831



51.5166, 0.2669, 0.2628

Sweetspot

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



51.5191, 0.3940, 0.3676



86.5609, 0.3331, 0.3404



41.8509, 0.3482, 0.2657



18.2338, 0.3355, 0.3417



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.



51.5191, 0.3940, 0.3676



56.3555, 0.4154, 0.3749



72.3838, 0.3753, 0.4138



15.9764, 0.3283, 0.3379



13.9244, 0.5767, 0.3803



1.2727, 0.5506, 0.4010

Inverse Universe

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



53.6924, 0.2526, 0.2863



59.2641, 0.2417, 0.2764



35.7422, 0.2436, 0.2268



16.1208, 0.2981, 0.3200



15.2332, 0.1894, 0.2019



1.3798, 0.1949, 0.2214

Previews

White Background



This preview shows how the Yxy color 51.5166, 0.3940, 0.3676 looks on a white background.

Color Contrast Check

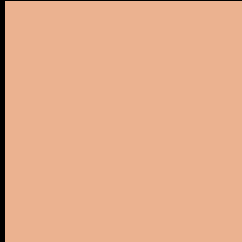
Large Text (above 18pt) WCAG AA × Fail

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 51.5166, 0.3940, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

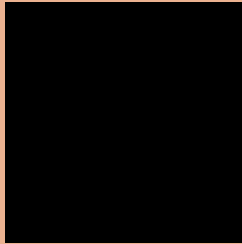
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5166, 0.3940, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 51.5166, 0.3940, 0.3676.



This preview shows how white text looks on a background with the Yxy color 51.5166, 0.3940, 0.3676.

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

51.5166, 0.3940, 0.3676

Protanopia

51.6933, 0.3563, 0.3800

Deuteranopia

51.6974, 0.3827, 0.3759



Tritanopia

51.3586, 0.3623, 0.3148

Trichromacy



Original Color

51.5166, 0.3940, 0.3676

Protanomaly

51.6715, 0.3700, 0.3760

Deuteranomaly

51.5249, 0.3872, 0.3731

Tritanomaly

51.3515, 0.3746, 0.3337

Monochromacy



Original Color

51.5166, 0.3940, 0.3676

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4392, 0.3403, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5166, 0.3940, 0.3676 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(235, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(235, 178, 144)  
}
```

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(235, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 178, 144) }
```

Border

The CSS property to change the border of an element to Yxy 51.5166, 0.3940, 0.3676 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(235, 178, 144) }
```

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

```
.border{ border-color:rgb(235, 178, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 178, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(235, 178,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5166, 0.3940, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 178, 144) }
```

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

```
.background{ background-color: rgb(235,  
178, 144) }
```

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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