

Converting Colors

$Yxy(51.1677, 0.3692, 0.3495)$

Have a look what the booklet for
Yxy(51.1677, 0.3692, 0.3495)
contains.

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Color

Yxy(51.0176, 0.3694, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	E2B3A2
RGB	226, 179, 162
RGB Percent	89%, 70%, 64%
CMY	0.1136, 0.2981, 0.3646
CMYK	0.00, 0.21, 0.28, 0.11
HSL	16°, 52%, 76%
HSV	16°, 28%, 89%
XYZ	54.0152, 51.0176, 41.1913
YIQ	191.1150, 33.4690, 4.6770

Conversions

Conversions Part 2

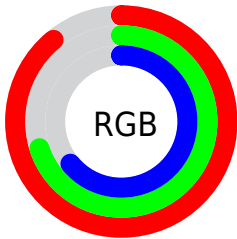
Format	Color
R _Y B	226, 185, 162
Decimal	14857122
CIE Lab	76.69, 14.63, 15.16
CIE LCh	77, 21.070, 46.023
Yxy	51.0176, 0.3694, 0.3489
Android (android.graphics.Color)	4293047202 (0xFFE2B3A2)
YUV	191.1150, -14.3537, 30.5941
Hunter-Lab	71.4266, 9.9911, 15.8064

Details

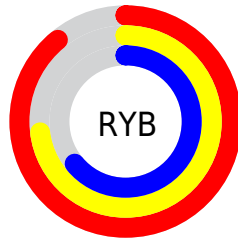
The Yxy color **51.0176, 0.3694, 0.3489** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.8092, 0.2696, 0.3081**, and the grayscale version is **52.2441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6864, 0.3380, 0.3470**, and **24.5935, 0.3862, 0.3537** is the 20% darker color. If you saturate the color by 10%, you get **44.0250, 0.3969, 0.3563**, and if you desaturate by 10%, it is **58.9616, 0.3461, 0.3416**.

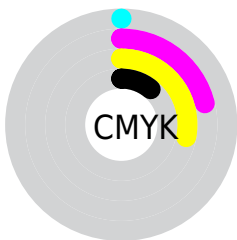
Distribution



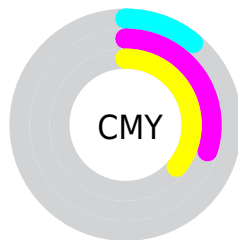
- Red (89%)
- Green (70%)
- Blue (64%)



- Red (89%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0176, 0.3694, 0.3489 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 51.0176, 0.3694, 0.3489 by changing the saturation by 10% instead.


 51.0176, 0.3694,
0.3489


 51.0176, 0.3694,
0.3489


390.6322, 0.3412,
0.3397

 36.2226, 0.3763,
0.3509


 91.6808, 0.3592,
0.3457

 24.6062, 0.3852,
0.3534


 118.3178, 0.3554,
0.3445

 15.7839, 0.3969,
0.3565


149.6709, 0.3521,
0.3434

 9.3714, 0.4129,
0.3603

186.1245, 0.3493,
0.3425

 4.9842, 0.4363,
0.3649

228.0631, 0.3469,
0.3417

 2.2380, 0.4728,
0.3699

275.8709, 0.3448,

 0.7406, 0.5934,

0.3410

0.4066

329.9325, 0.3429,
0.3403

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0176, 0.3694,
0.3489

51.0176, 0.3694,
0.3489

44.0250, 0.3969,
0.3563

58.9616, 0.3461,
0.3416

37.9405, 0.4289,
0.3631

67.8840, 0.3265,
0.3345

32.7279, 0.4649,
0.3686

77.8195, 0.3102,
0.3279

28.3460, 0.5035,
0.3718

88.7990, 0.2965,
0.3219

■ 24.7497, 0.5418,
0.3714

■ 94.9145, 0.2952,
0.3289

■ 21.8893, 0.5761,
0.3667

■ 19.7058, 0.6026,
0.3581

■ 19.3979, 0.6065,
0.3566

Harmonies

Analogous

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



51.0176, 0.3583, 0.3250



51.0176, 0.3694, 0.3489



51.0176, 0.3644, 0.3691

Triad

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



51.0176, 0.3694, 0.3489



51.0176, 0.2900, 0.3571



51.0176, 0.2796, 0.2817

Complementary

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



51.0176, 0.3694, 0.3489



58.8092, 0.2696, 0.3081

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.



51.0176, 0.2630, 0.2876



51.0176, 0.3694, 0.3489



51.0176, 0.2688, 0.3306

Square

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



51.0176, 0.3694, 0.3489



51.0176, 0.3178, 0.3756



51.0176, 0.2592, 0.3050



51.0176, 0.3055, 0.2874

Rectangle

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



51.0176, 0.3694, 0.3489



51.0176, 0.3529, 0.3775



51.0176, 0.2592, 0.3050



51.0176, 0.2728, 0.2823

Sweetspot

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



51.0200, 0.3694, 0.3489



89.5599, 0.3260, 0.3343



46.6767, 0.3297, 0.2751



18.7701, 0.3288, 0.3354



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.



51.0200, 0.3694, 0.3489



61.4839, 0.3851, 0.3533



64.8925, 0.3599, 0.3832



14.2885, 0.3285, 0.3353



11.2289, 0.6038, 0.3588



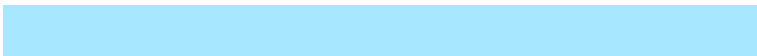
0.9232, 0.5733, 0.3830

Inverse Universe

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



58.8092, 0.2696, 0.3081



73.3001, 0.2610, 0.3031



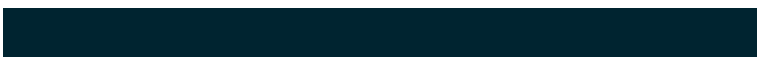
45.0265, 0.2654, 0.2682



14.9253, 0.2982, 0.3226



18.9139, 0.2003, 0.2409



1.4552, 0.2045, 0.2561

Previews

White Background



This preview shows how the Yxy color 51.0176, 0.3694, 0.3489 looks on a white background.

Color Contrast Check

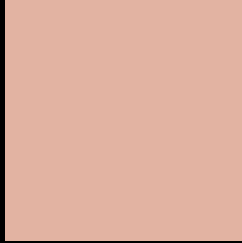
Large Text (above 18pt) WCAG AA × Fail

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 51.0176, 0.3694, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

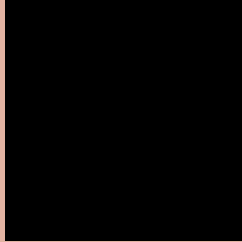
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0176, 0.3694, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 51.0176, 0.3694, 0.3489.



This preview shows how white text looks on a background with the Yxy color 51.0176, 0.3694, 0.3489.

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

51.0176, 0.3694, 0.3489

Protanopia

51.1910, 0.3376, 0.3566

Deuteranopia

50.9345, 0.3621, 0.3542



Tritanopia

50.9921, 0.3490, 0.3132

Trichromacy



Original Color

51.0176, 0.3694, 0.3489

Protanomaly

50.8244, 0.3489, 0.3536

Deuteranomaly

50.9931, 0.3651, 0.3528

Tritanomaly

50.7993, 0.3568, 0.3257

Monochromacy



Original Color

51.0176, 0.3694, 0.3489

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6733, 0.3326, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0176, 0.3694, 0.3489 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(226, 179, 162)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 162)  
}
```

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(226, 179, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 162) }
```

Border

The CSS property to change the border of an element to Yxy 51.0176, 0.3694, 0.3489 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(226, 179, 162) }
```

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

```
.border{ border-color:rgb(226, 179, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 179, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 179, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 179, 162);  
box-shadow:4px 4px 4px 4px rgb(226, 179,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0176, 0.3694, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 162) }
```

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

```
.background{ background-color: rgb(226,  
179, 162) }
```

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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