

Converting Colors

$Yxy(45.1024, 0.3893, 0.3507)$

Have a look what the booklet for
Yxy(45.1024, 0.3893, 0.3507)
contains.

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Color

Yxy(45.1543, 0.3894, 0.3516)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E2A592 |
| RGB | 226, 165, 146 |
| RGB Percent | 89%, 65%, 57% |
| CMY | 0.1137, 0.3529, 0.4276 |
| CMYK | 0.00, 0.27, 0.35, 0.11 |
| HSL | 14°, 58%, 73% |
| HSV | 14°, 35%, 89% |
| XYZ | 50.0088, 45.1543, 33.2621 |
| YIQ | 181.0730, 42.4550, 7.0230 |

Conversions

Conversions Part 2

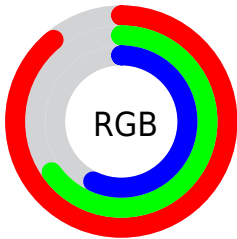
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 226, 171, 146 |
| Decimal | 14853522 |
| CIE Lab | 72.99, 20.06, 18.74 |
| CIE LCh | 73, 27.450, 43.052 |
| Yxy | 45.1543, 0.3894, 0.3516 |
| Android (android.graphics.Color) | 4293043602 (0xFFE2A592) |
| YUV | 181.0730, -17.2910, 39.4010 |
| Hunter-Lab | 67.1969, 15.2472, 17.6896 |

Details

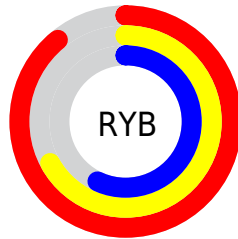
The Yxy color **45.1543, 0.3894, 0.3516** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2178, 0.2597, 0.3049**, and the grayscale version is **46.3285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6165, 0.3524, 0.3495**, and **21.0715, 0.4123, 0.3570** is the 20% darker color. If you saturate the color by 10%, you get **38.7194, 0.4208, 0.3579**, and if you desaturate by 10%, it is **52.5697, 0.3626, 0.3450**.

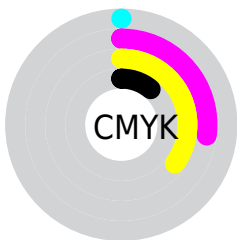
Distribution



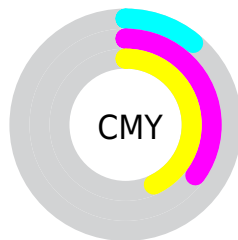
- Red (89%)
- Green (65%)
- Blue (57%)



- Red (89%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1543, 0.3894, 0.3516 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 45.1543, 0.3894, 0.3516 by changing the saturation by 10% instead.


 45.1543, 0.3894,
0.3516


 45.1543, 0.3894,
0.3516


367.3981, 0.3505,
0.3414

 31.5790, 0.3992,
0.3537


 82.9519, 0.3752,
0.3482

 21.0401, 0.4118,
0.3562


 107.9430, 0.3699,
0.3468

 13.1533, 0.4286,
0.3591


137.5081, 0.3654,
0.3456

 7.5342, 0.4520,
0.3622


172.0317, 0.3615,
0.3446

 3.7984, 0.4862,
0.3648

211.8980, 0.3582,
0.3437

 1.5614, 0.5607,
0.3774

257.4916, 0.3553,

 0.3314, 0.7083,

0.3428

0.2917

309.1969, 0.3528,
0.3421

0.0000, 0.0000,
0.0000

45.1543, 0.3894,
0.3516

45.1543, 0.3894,
0.3516

38.7194, 0.4208,
0.3579

52.5697, 0.3626,
0.3450

33.2171, 0.4567,
0.3633

60.9981, 0.3402,
0.3384

28.6049, 0.4959,
0.3667

70.4784, 0.3215,
0.3322

24.8346, 0.5359,
0.3670

81.0454, 0.3059,
0.3264

21.8528, 0.5727,
0.3635

92.4736, 0.2951,
0.3251

■ 19.5994, 0.6016,
0.3560

■ 94.9109, 0.2952,
0.3289

■ 18.7847, 0.6123,
0.3520

Harmonies

Analogous

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



45.1543, 0.3722, 0.3199



45.1543, 0.3894, 0.3516



45.1543, 0.3843, 0.3800

Triad

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



45.1543, 0.3894, 0.3516



45.1543, 0.2850, 0.3710



45.1543, 0.2652, 0.2659

Complementary

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



45.1543, 0.3894, 0.3516



56.2178, 0.2597, 0.3049

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.



45.1543, 0.2450, 0.2746



45.1543, 0.3894, 0.3516



45.1543, 0.2558, 0.3343

Square

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



45.1543, 0.3894, 0.3516



45.1543, 0.3229, 0.3948



45.1543, 0.2417, 0.2987



45.1543, 0.2988, 0.2724

Rectangle

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



45.1543, 0.3894, 0.3516



45.1543, 0.3695, 0.3932



45.1543, 0.2417, 0.2987



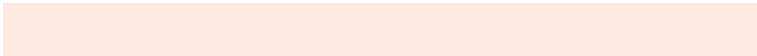
45.1543, 0.2568, 0.2671

Sweetspot

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



45.1565, 0.3894, 0.3516



85.4322, 0.3317, 0.3357



41.2416, 0.3338, 0.2600



17.9274, 0.3343, 0.3365



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.



45.1565, 0.3894, 0.3516



53.4216, 0.4105, 0.3560



61.7499, 0.3736, 0.3956



14.2269, 0.3286, 0.3346



10.8684, 0.6097, 0.3541



0.8908, 0.5796, 0.3780

Inverse Universe

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



56.2178, 0.2597, 0.3049



69.8427, 0.2504, 0.2994



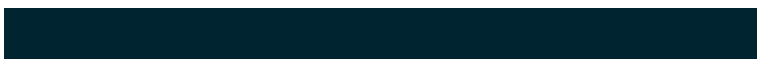
39.3537, 0.2525, 0.2518



14.9911, 0.2982, 0.3233



20.2153, 0.2029, 0.2506



1.5360, 0.2067, 0.2641

Previews

White Background



This preview shows how the Yxy color 45.1543, 0.3894, 0.3516 looks on a white background.

Color Contrast Check

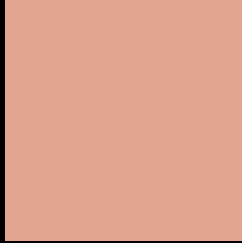
Large Text (above 18pt) WCAG AA × Fail

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 45.1543, 0.3894, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

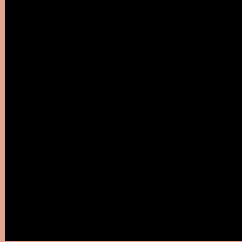
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1543, 0.3894, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 45.1543, 0.3894, 0.3516.



This preview shows how white text looks on a background with the Yxy color 45.1543, 0.3894, 0.3516.

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

45.1543, 0.3894, 0.3516

Protanopia

45.3589, 0.3433, 0.3633

Deuteranopia

45.1047, 0.3713, 0.3628



Tritanopia

45.1649, 0.3672, 0.3153

Trichromacy



Original Color

45.1543, 0.3894, 0.3516

Protanomaly

45.0307, 0.3594, 0.3597

Deuteranomaly

44.8673, 0.3781, 0.3585

Tritanomaly

44.9790, 0.3758, 0.3280

Monochromacy



Original Color

45.1543, 0.3894, 0.3516

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.3574, 0.3385, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1543, 0.3894, 0.3516 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, 165, 146)` looks like.

```
.text, #text, p{  
    color:rgb(226, 165, 146)  
}
```

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, 165, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 165, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.1543, 0.3894, 0.3516 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, 165, 146) }
```

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

```
.border{ border-color:rgb(226, 165, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 165, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 165, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 165, 146);  
box-shadow:4px 4px 4px 4px rgb(226, 165,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1543, 0.3894, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 165, 146) }
```

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

```
.background{ background-color: rgb(226,  
165, 146) }
```

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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