

# Converting Colors

$Yxy(45.2720, 0.3877, 0.3553)$

Have a look what the booklet for  
Yxy(45.2720, 0.3877, 0.3553)  
contains.

|   |    |
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# Color

**Yxy(45.5291, 0.3876, 0.3553)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | E0A791                    |
| RGB         | 224, 167, 145             |
| RGB Percent | 88%, 65%, 57%             |
| CMY         | 0.1216, 0.3451, 0.4315    |
| CMYK        | 0.00, 0.25, 0.35, 0.12    |
| HSL         | 17°, 56%, 72%             |
| HSV         | 17°, 35%, 88%             |
| XYZ         | 49.6681, 45.5291, 32.9455 |
| YIQ         | 181.5350, 41.0340, 5.2420 |

# Conversions

## Conversions Part 2

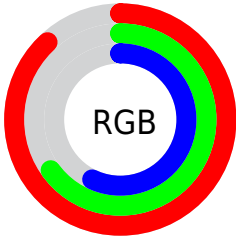
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 224, 175, 145                  |
| Decimal                             | 14722961                       |
| CIE <sub>Lab</sub>                  | 73.24, 18.08, 19.59            |
| CIE <sub>LCh</sub>                  | 73, 26.660, 47.295             |
| Yxy                                 | 45.5291, 0.3876,<br>0.3553     |
| Android<br>(android.graphics.Color) | 4292913041<br>(0xFFE0A791)     |
| YUV                                 | 181.5350, -18.0118,<br>37.2418 |
| Hunter-Lab                          | 67.4753, 13.3110,<br>18.2837   |

# Details

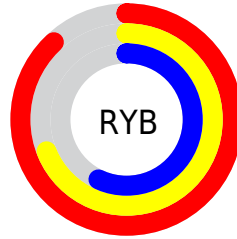
The Yxy color **45.5291, 0.3876, 0.3553** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6218, 0.2593, 0.3007**, and the grayscale version is **46.5963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6261, 0.3527, 0.3525**, and **21.2851, 0.4096, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **39.3532, 0.4178, 0.3627**, and if you desaturate by 10%, it is **52.5849, 0.3616, 0.3475**.

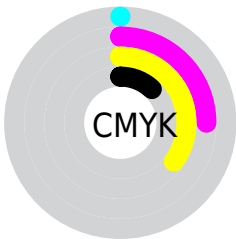
# Distribution



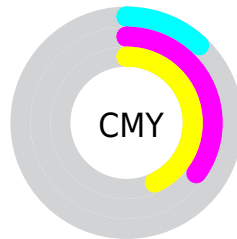
- Red (88%)
- Green (65%)
- Blue (57%)



- Red (88%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (12%)




- Cyan (12%)
- Magenta (35%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5291, 0.3876, 0.3553 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 45.5291, 0.3876, 0.3553 by changing the saturation by 10% instead.





 45.5291, 0.3876,  
0.3553


 45.5291, 0.3876,  
0.3553


368.9122, 0.3497,  
0.3432

 31.8744, 0.3971,  
0.3579


 83.5138, 0.3738,  
0.3512

 21.2656, 0.4094,  
0.3610


 108.6126, 0.3686,  
0.3496

 13.3183, 0.4256,  
0.3647


138.2949, 0.3642,  
0.3482

 7.6481, 0.4482,  
0.3690

172.9450, 0.3605,  
0.3469

 3.8706, 0.4811,  
0.3732

212.9474, 0.3572,  
0.3458

 1.6014, 0.5546,  
0.3903

258.6865, 0.3544,

 0.3586, 0.6857,

0.3449

0.3143

310.5466, 0.3519,  
0.3440

0.0000, 0.0000,  
0.0000

45.5291, 0.3876,  
0.3553

45.5291, 0.3876,  
0.3553

39.3532, 0.4178,  
0.3627

52.5849, 0.3616,  
0.3475

34.0155, 0.4522,  
0.3691

60.5471, 0.3397,  
0.3399

29.4804, 0.4896,  
0.3734

69.4494, 0.3212,  
0.3326

25.7072, 0.5277,  
0.3745

79.3215, 0.3058,  
0.3259

22.6511, 0.5632,  
0.3713

90.0643, 0.2939,  
0.3216

■ 20.2618, 0.5920,  
0.3636

■ 94.5873, 0.2940,  
0.3289

■ 19.3434, 0.6033,  
0.3592

# Harmonies

## Analogous

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



45.5291, 0.3739, 0.3246



45.5291, 0.3876, 0.3553



45.5291, 0.3797, 0.3818

# Triad

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



45.5291, 0.3876, 0.3553



45.5291, 0.2812, 0.3650



45.5291, 0.2706, 0.2678

# Complementary

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



45.5291, 0.3876, 0.3553



53.6218, 0.2593, 0.3007

# 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.



45.5291, 0.2489, 0.2742



45.5291, 0.3876, 0.3553



45.5291, 0.2546, 0.3290

# Square

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



45.5291, 0.3876, 0.3553



45.5291, 0.3173, 0.3905



45.5291, 0.2432, 0.2956



45.5291, 0.3045, 0.2760



# Rectangle

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



45.5291, 0.3876, 0.3553



45.5291, 0.3638, 0.3931



45.5291, 0.2432, 0.2956



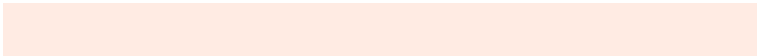
45.5291, 0.2617, 0.2682

# Sweetspot

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



45.5313, 0.3876, 0.3553



86.0896, 0.3315, 0.3368



40.3971, 0.3362, 0.2631



18.0832, 0.3341, 0.3378



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.



45.5313, 0.3876, 0.3553



55.1428, 0.4084, 0.3606



61.8216, 0.3723, 0.3981



14.3196, 0.3285, 0.3356



11.4264, 0.6006, 0.3613



0.9405, 0.5701, 0.3855



# Inverse Universe

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



53.6218, 0.2593, 0.3007



67.4293, 0.2495, 0.2941



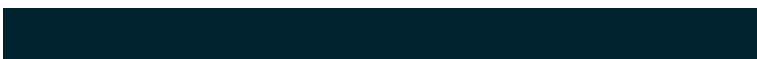
37.7391, 0.2522, 0.2486



14.8923, 0.2982, 0.3223



18.2814, 0.1989, 0.2360



1.4156, 0.2034, 0.2521



# Previews

## White Background



This preview shows how the Yxy color 45.5291, 0.3876, 0.3553 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

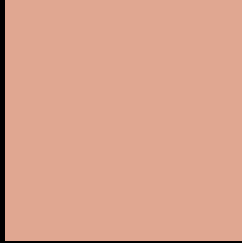
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 45.5291, 0.3876, 0.3553 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

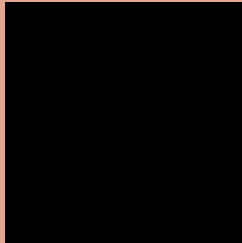
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 45.5291, 0.3876, 0.3553**

## **Background**



This preview shows how black text looks on a background with the Yxy color 45.5291, 0.3876, 0.3553.



This preview shows how white text looks on a background with the Yxy color 45.5291, 0.3876, 0.3553.

# 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

45.5291, 0.3876, 0.3553

### Protanopia

45.8240, 0.3456, 0.3671

### Deuteranopia

45.6024, 0.3728, 0.3651



## Tritanopia

45.6204, 0.3628, 0.3152

# Trichromacy



**Original Color**

45.5291, 0.3876, 0.3553

**Protanomaly**

45.3864, 0.3600, 0.3622

**Deuteranomaly**

45.5865, 0.3783, 0.3621

**Tritanomaly**

45.4000, 0.3722, 0.3292

# Monochromacy



**Original Color**

45.5291, 0.3876, 0.3553

**Achromatopsia**

46.7784, 0.3127, 0.3290

**Achromatomaly**

46.1792, 0.3373, 0.3393

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 45.5291, 0.3876, 0.3553 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(224, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 145)  
}
```

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(224, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 145) }
```

## Border

The CSS property to change the border of an element to Yxy 45.5291, 0.3876, 0.3553 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(224, 167, 145) }
```

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

```
.border{ border-color:rgb(224, 167, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 167, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 167, 145); box-shadow:4px 4px 4px 4px rgb(224, 167, 145) }
```



# Background

The CSS property to change the background color of an element to Yxy 45.5291, 0.3876, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 145) }
```

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

```
.background{ background-color: rgb(224,  
167, 145) }
```

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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