

Converting Colors

$Yxy(45.9187, 0.3909, 0.3609)$

Have a look what the booklet for
Yxy(45.9187, 0.3909, 0.3609)
contains.

Yxy(45.7756, 0.3909, 0.3611)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.7756, 0.3909, 0.3611)

Conversions

Conversions Part 1

Format	Color
Hex	E0A88D
RGB	224, 168, 141
RGB Percent	88%, 66%, 55%
CMY	0.1216, 0.3412, 0.4469
CMYK	0.00, 0.25, 0.37, 0.12
HSL	19°, 57%, 72%
HSV	19°, 37%, 88%
XYZ	49.5533, 45.7756, 31.4382
YIQ	181.6660, 42.0430, 3.4750

Conversions

Conversions Part 2

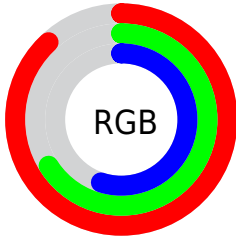
Format	Color
RYB	224, 181, 141
Decimal	14723213
CIELab	73.40, 17.08, 21.95
CIELCh	73, 27.810, 52.113
Yxy	45.7756, 0.3909, 0.3611
Android (android.graphics.Color)	4292913293 (0xFFE0A88D)
YUV	181.6660, -20.0483, 37.1269
Hunter-Lab	67.6577, 12.3345, 19.8103

Details

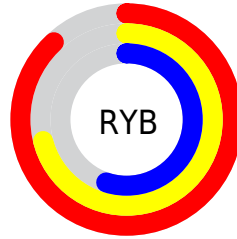
The Yxy color **45.7756, 0.3909, 0.3611** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.9981, 0.2561, 0.2940**, and the grayscale version is **46.6845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9755, 0.3553, 0.3576**, and **21.4616, 0.4128, 0.3681** is the 20% darker color. If you saturate the color by 10%, you get **39.9146, 0.4206, 0.3696**, and if you desaturate by 10%, it is **52.4250, 0.3650, 0.3521**.

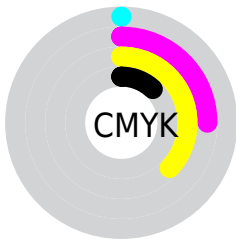
Distribution



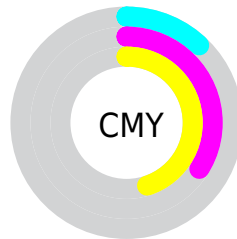
- Red (88%)
- Green (66%)
- Blue (55%)



- Red (88%)
- Yellow (71%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (12%)



- Cyan (12%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7756, 0.3909, 0.3611 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 45.7756, 0.3909, 0.3611 by changing the saturation by 10% instead.


 45.7756, 0.3909,
0.3611


 45.7756, 0.3909,
0.3611


369.9058, 0.3514,
0.3463


 32.0688, 0.4008,
0.3644


 83.8831, 0.3765,
0.3560

 21.4140, 0.4134,
0.3682


 109.0525, 0.3711,
0.3540

 13.4270, 0.4302,
0.3729


 138.8116, 0.3666,
0.3523

 7.7232, 0.4532,
0.3783

173.5447, 0.3627,
0.3508

 3.9184, 0.4864,
0.3839

213.6363, 0.3593,
0.3494

 1.6280, 0.5696,
0.4101

259.4708, 0.3563,

 0.3764, 0.6730,

0.3483

0.3270

311.4324, 0.3537,
0.3472

0.0000, 0.0000,
0.0000

45.7756, 0.3909,
0.3611

45.7756, 0.3909,
0.3611

39.9146, 0.4206,
0.3696

52.4250, 0.3650,
0.3521

34.8051, 0.4539,
0.3769

59.8848, 0.3429,
0.3432

30.4169, 0.4895,
0.3817

68.1843, 0.3242,
0.3347

26.7149, 0.5254,
0.3828

77.3493, 0.3083,
0.3267

23.6604, 0.5583,
0.3793

87.4043, 0.2949,
0.3194

■ 21.2092, 0.5850,
0.3709

■ 94.5874, 0.2940,
0.3289

■ 20.5863, 0.5920,
0.3681

Harmonies

Analogous

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



45.7756, 0.3802, 0.3294



45.7756, 0.3909, 0.3611



45.7756, 0.3791, 0.3873

Triad

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



45.7756, 0.3909, 0.3611



45.7756, 0.2746, 0.3609



45.7756, 0.2739, 0.2659

Complementary

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



45.7756, 0.3909, 0.3611



50.9981, 0.2561, 0.2940

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.



45.7756, 0.2489, 0.2699



45.7756, 0.3909, 0.3611



45.7756, 0.2493, 0.3227

Square

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



45.7756, 0.3909, 0.3611



45.7756, 0.3111, 0.3902



45.7756, 0.2403, 0.2896



45.7756, 0.3105, 0.2767

Rectangle

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



45.7756, 0.3909, 0.3611



45.7756, 0.3608, 0.3974



45.7756, 0.2403, 0.2896



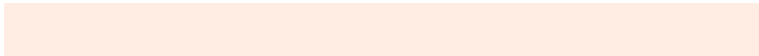
45.7756, 0.2640, 0.2655

Sweetspot

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



45.7778, 0.3909, 0.3611



86.8323, 0.3314, 0.3381



38.9738, 0.3418, 0.2642



18.2594, 0.3339, 0.3392



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.



45.7778, 0.3909, 0.3611



55.5836, 0.4122, 0.3674



63.2702, 0.3739, 0.4058



14.4243, 0.3284, 0.3367



12.1687, 0.5893, 0.3703



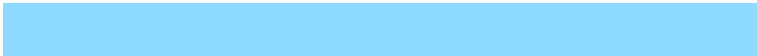
1.0025, 0.5591, 0.3942

Inverse Universe

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



50.9981, 0.2561, 0.2940



63.4626, 0.2457, 0.2859



34.9089, 0.2481, 0.2381



14.7821, 0.2982, 0.3212



16.2707, 0.1943, 0.2196



1.2885, 0.1996, 0.2384

Previews

White Background



This preview shows how the Yxy color 45.7756, 0.3909, 0.3611 looks on a white background.

Color Contrast Check

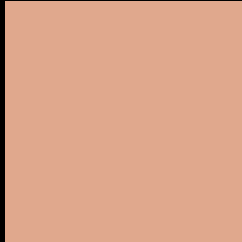
Large Text (above 18pt) WCAG AA × Fail

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 45.7756, 0.3909, 0.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

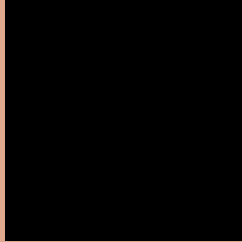
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7756, 0.3909, 0.3611

Background



This preview shows how black text looks on a background with the Yxy color 45.7756, 0.3909, 0.3611.



This preview shows how white text looks on a background with the Yxy color 45.7756, 0.3909, 0.3611.

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

45.7756, 0.3909, 0.3611

Protanopia

45.8255, 0.3500, 0.3723

Deuteranopia

45.7776, 0.3783, 0.3698



Tritanopia

45.6599, 0.3619, 0.3141

Trichromacy



Original Color

45.7756, 0.3909, 0.3611

Protanomaly

45.7915, 0.3642, 0.3684

Deuteranomaly

45.6182, 0.3829, 0.3669

Tritanomaly

45.7234, 0.3729, 0.3315

Monochromacy



Original Color

45.7756, 0.3909, 0.3611

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1046, 0.3390, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7756, 0.3909, 0.3611 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, 168, 141)` looks like.

```
.text, #text, p{  
    color:rgb(224, 168, 141)  
}
```

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, 168, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 168, 141) }
```

Border

The CSS property to change the border of an element to Yxy 45.7756, 0.3909, 0.3611 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, 168, 141) }
```

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

```
.border{ border-color:rgb(224, 168, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 168, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 168, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 168, 141);  
box-shadow:4px 4px 4px 4px rgb(224, 168,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7756, 0.3909, 0.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 168, 141) }
```

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

```
.background{ background-color: rgb(224,  
168, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor