

Converting Colors

Yxy(44.6338, 0.3888, 0.3505)

Have a look what the booklet for
Yxy(44.6338, 0.3888, 0.3505)
contains.

Yxy(44.6338, 0.3888, 0.3505)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.6338, 0.3888, 0.3505)

Conversions

Conversions Part 1

Format	Color
Hex	E1A492
RGB	225, 164, 146
RGB Percent	88%, 64%, 57%
CMY	0.1177, 0.3568, 0.4275
CMYK	0.00, 0.27, 0.35, 0.12
HSL	14°, 57%, 73%
HSV	14°, 35%, 88%
XYZ	49.5110, 44.6338, 33.1984
YIQ	180.1870, 42.1340, 7.3340

Conversions

Conversions Part 2

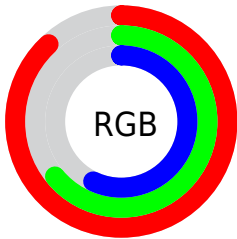
Format	Color
R _Y B	225, 169, 146
Decimal	14787730
CIE Lab	72.65, 20.19, 18.23
CIE LCh	73, 27.208, 42.078
Yxy	44.6338, 0.3888, 0.3505
Android (android.graphics.Color)	4292977810 (0xFFE1A492)
YUV	180.1870, -16.8542, 39.3010
Hunter-Lab	66.8085, 15.3694, 17.3037

Details

The Yxy color **44.6338, 0.3888, 0.3505** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1561, 0.2603, 0.3061**, and the grayscale version is **45.8236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0932, 0.3526, 0.3485**, and **20.7394, 0.4117, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **38.2053, 0.4203, 0.3566**, and if you desaturate by 10%, it is **52.0532, 0.3620, 0.3441**.

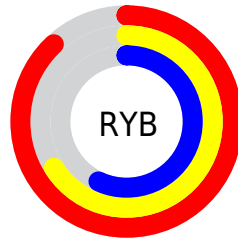
Distribution



Red (88%)

Green (64%)

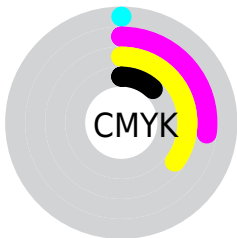
Blue (57%)



Red (88%)

Yellow (66%)

Blue (57%)

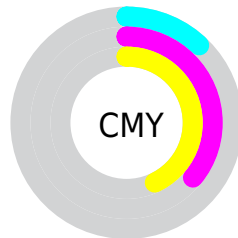


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6338, 0.3888, 0.3505 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 44.6338, 0.3888, 0.3505 by changing the saturation by 10% instead.


 44.6338, 0.3888,
0.3505


 44.6338, 0.3888,
0.3505


365.2884, 0.3501,
0.3408

 31.1691, 0.3986,
0.3525


 82.1706, 0.3746,
0.3473

 20.7276, 0.4112,
0.3549


 107.0115, 0.3693,
0.3460

 12.9251, 0.4280,
0.3576


136.4132, 0.3649,
0.3448

 7.3770, 0.4514,
0.3605

170.7602, 0.3611,
0.3438

 3.6989, 0.4859,
0.3627

210.4368, 0.3578,
0.3430

 1.5066, 0.5622,
0.3755

255.8275, 0.3549,

 0.2934, 0.7246,

0.3422

0.2754

307.3165, 0.3524,
0.3415

0.0000, 0.0000,
0.0000

44.6338, 0.3888,
0.3505

44.6338, 0.3888,
0.3505

38.2053, 0.4203,
0.3566

52.0532, 0.3620,
0.3441

32.7189, 0.4564,
0.3617

60.4968, 0.3396,
0.3378

28.1314, 0.4959,
0.3650

70.0041, 0.3210,
0.3319

24.3934, 0.5364,
0.3653

80.6108, 0.3055,
0.3264

21.4505, 0.5736,
0.3619

92.1238, 0.2945,
0.3248

■ 19.2413, 0.6029,
0.3546

■ 94.7449, 0.2946,
0.3289

■ 18.4003, 0.6142,
0.3505

Harmonies

Analogous

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



44.6338, 0.3710, 0.3190



44.6338, 0.3888, 0.3505



44.6338, 0.3845, 0.3790

Triad

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



44.6338, 0.3888, 0.3505



44.6338, 0.2863, 0.3718



44.6338, 0.2646, 0.2663

Complementary

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



44.6338, 0.3888, 0.3505



56.1561, 0.2603, 0.3061

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.



44.6338, 0.2450, 0.2754



44.6338, 0.3888, 0.3505



44.6338, 0.2568, 0.3355

Square

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



44.6338, 0.3888, 0.3505



44.6338, 0.3241, 0.3949



44.6338, 0.2422, 0.2999



44.6338, 0.2976, 0.2723

Rectangle

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



44.6338, 0.3888, 0.3505



44.6338, 0.3701, 0.3924



44.6338, 0.2422, 0.2999



44.6338, 0.2563, 0.2676

Sweetspot

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



44.6359, 0.3888, 0.3505



85.2783, 0.3317, 0.3354



41.1097, 0.3323, 0.2593



17.8910, 0.3343, 0.3362



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.



44.6359, 0.3888, 0.3505



53.0251, 0.4109, 0.3549



60.6053, 0.3734, 0.3936



14.2052, 0.3286, 0.3344



10.7508, 0.6117, 0.3525



0.8799, 0.5818, 0.3763

Inverse Universe

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



56.1561, 0.2603, 0.3061



70.4189, 0.2506, 0.3006



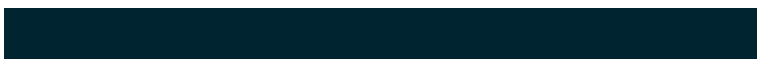
39.6908, 0.2533, 0.2544



15.0144, 0.2982, 0.3235



20.6896, 0.2039, 0.2540



1.5652, 0.2075, 0.2669

Previews

White Background



This preview shows how the Yxy color 44.6338, 0.3888, 0.3505 looks on a white background.

Color Contrast Check

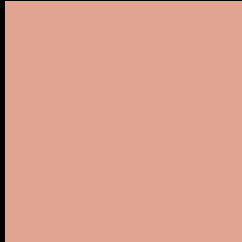
Large Text (above 18pt) WCAG AA × Fail

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 44.6338, 0.3888, 0.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

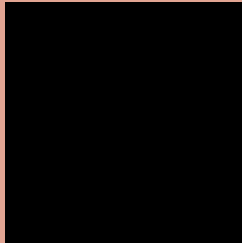
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6338, 0.3888, 0.3505

Background



This preview shows how black text looks on a background with the Yxy color 44.6338, 0.3888, 0.3505.



This preview shows how white text looks on a background with the Yxy color 44.6338, 0.3888, 0.3505.

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

44.6338, 0.3888, 0.3505

Protanopia

44.8321, 0.3426, 0.3621

Deuteranopia

44.9593, 0.3703, 0.3629



Tritanopia

44.6141, 0.3675, 0.3152

Trichromacy



Original Color

44.6338, 0.3888, 0.3505

Protanomaly

44.5067, 0.3588, 0.3585

Deuteranomaly

44.7164, 0.3772, 0.3586

Tritanomaly

44.4650, 0.3751, 0.3268

Monochromacy



Original Color

44.6338, 0.3888, 0.3505

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.8350, 0.3378, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6338, 0.3888, 0.3505 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(225, 164, 146)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 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(225, 164, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 146) }
```

Border

The CSS property to change the border of an element to Yxy 44.6338, 0.3888, 0.3505 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(225, 164, 146) }
```

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

```
.border{ border-color:rgb(225, 164, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 164, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 146);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6338, 0.3888, 0.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 146) }
```

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

```
.background{ background-color: rgb(225,  
164, 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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