

Converting Colors

$Yxy(44.4612, 0.4028, 0.3679)$

Have a look what the booklet for
Yxy(44.4612, 0.4028, 0.3679)
contains.

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Color

Yxy(44.5838, 0.4018, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	E1A584
RGB	225, 165, 132
RGB Percent	88%, 65%, 52%
CMY	0.1177, 0.3529, 0.4824
CMYK	0.00, 0.27, 0.41, 0.12
HSL	21°, 61%, 70%
HSV	21°, 41%, 88%
XYZ	48.6655, 44.5838, 27.8694
YIQ	179.1780, 46.3530, 2.4570

Conversions

Conversions Part 2

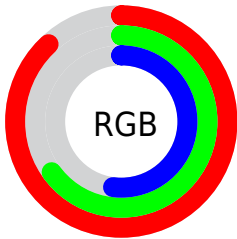
Format	Color
RYB	225, 183, 132
Decimal	14787972
CIELab	72.62, 18.03, 25.80
CIELCh	73, 31.480, 55.050
Yxy	44.5838, 0.4018, 0.3681
Android (android.graphics.Color)	4292978052 (0xFFE1A584)
YUV	179.1780, -23.2588, 40.1859
Hunter-Lab	66.7711, 13.2486, 21.9929

Details

The Yxy color **44.5838, 0.4018, 0.3681** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.0207, 0.2493, 0.2854**, and the grayscale version is **45.2877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9492, 0.3632, 0.3649**, and **20.7443, 0.4282, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **39.0941, 0.4322, 0.3770**, and if you desaturate by 10%, it is **50.8044, 0.3749, 0.3584**.

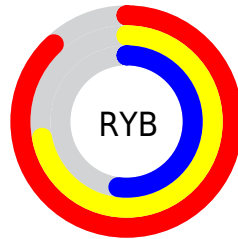
Distribution



Red (88%)

Green (65%)

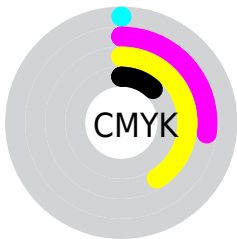
Blue (52%)



Red (88%)

Yellow (72%)

Blue (52%)

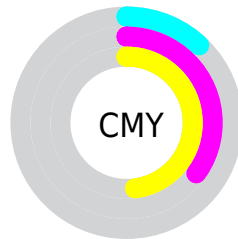


Cyan (0%)

Magenta (27%)

Yellow (41%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5838, 0.4018, 0.3681 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 44.5838, 0.4018, 0.3681 by changing the saturation by 10% instead.

 44.5838, 0.4018,
0.3681


 44.5838, 0.4018,
0.3681


365.0853, 0.3567,
0.3501

 31.1297, 0.4131,
0.3720


 82.0955, 0.3854,
0.3620

 20.6977, 0.4275,
0.3766


 106.9219, 0.3792,
0.3596

 12.9032, 0.4464,
0.3819


 136.3079, 0.3740,
0.3575

 7.3619, 0.4722,
0.3878

170.6379, 0.3695,
0.3556

 3.6894, 0.5087,
0.3931

210.2962, 0.3657,
0.3540

 1.5014, 0.5887,
0.4113

255.6673, 0.3623,

 0.2897, 0.7118,

0.3525

0.2882

307.1355, 0.3593,
0.3513

0.0000, 0.0000,
0.0000

44.5838, 0.4018,
0.3681

44.5838, 0.4018,
0.3681

39.0941, 0.4322,
0.3770

50.8044, 0.3749,
0.3584

34.3004, 0.4654,
0.3840

57.7760, 0.3517,
0.3486

30.1744, 0.5000,
0.3881


65.5261, 0.3317,
0.3391


26.6830, 0.5336,
0.3878

74.0787, 0.3148,
0.3301

23.7895, 0.5632,
0.3824

83.4565, 0.3004,
0.3218

 21.7255, 0.5842,
0.3743

 92.8856, 0.2946,
0.3260

 94.7436, 0.2946,
0.3289

Harmonies

Analogous

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



44.5838, 0.3922, 0.3325



44.5838, 0.4018, 0.3681



44.5838, 0.3857, 0.3972

Triad

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



44.5838, 0.4018, 0.3681



44.5838, 0.2657, 0.3614



44.5838, 0.2720, 0.2582

Complementary

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



44.5838, 0.4018, 0.3681



48.0207, 0.2493, 0.2854

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.



44.5838, 0.2425, 0.2606



44.5838, 0.4018, 0.3681



44.5838, 0.2389, 0.3172

Square

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



44.5838, 0.4018, 0.3681



44.5838, 0.3061, 0.3972



44.5838, 0.2309, 0.2808



44.5838, 0.3144, 0.2719

Rectangle

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



44.5838, 0.4018, 0.3681



44.5838, 0.3635, 0.4081



44.5838, 0.2309, 0.2808



44.5838, 0.2604, 0.2571

Sweetspot

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



44.5859, 0.4018, 0.3681



86.2331, 0.3331, 0.3398



36.3308, 0.3496, 0.2600



18.1569, 0.3356, 0.3410



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.



44.5859, 0.4018, 0.3681



52.6077, 0.4291, 0.3762



64.2723, 0.3801, 0.4175



14.4930, 0.3283, 0.3374



12.7225, 0.5814, 0.3766



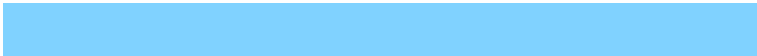
1.0467, 0.5518, 0.4000

Inverse Universe

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



48.0207, 0.2493, 0.2854



57.7263, 0.2366, 0.2740



30.8812, 0.2389, 0.2211



14.7105, 0.2982, 0.3205



15.0470, 0.1913, 0.2088



1.2099, 0.1971, 0.2294

Previews

White Background



This preview shows how the Yxy color 44.5838, 0.4018, 0.3681 looks on a white background.

Color Contrast Check

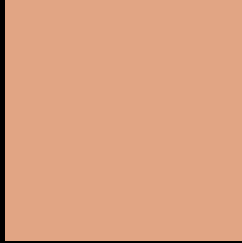
Large Text (above 18pt) WCAG AA × Fail

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 44.5838, 0.4018, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

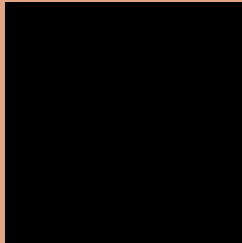
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5838, 0.4018, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 44.5838, 0.4018, 0.3681.



This preview shows how white text looks on a background with the Yxy color 44.5838, 0.4018, 0.3681.

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

44.5838, 0.4018, 0.3681

Protanopia

44.6229, 0.3573, 0.3820

Deuteranopia

44.6134, 0.3864, 0.3787



Tritanopia

44.7782, 0.3685, 0.3153

Trichromacy



Original Color

44.5838, 0.4018, 0.3681

Protanomaly

44.3612, 0.3733, 0.3762

Deuteranomaly

44.6136, 0.3921, 0.3754

Tritanomaly

44.7690, 0.3817, 0.3350

Monochromacy



Original Color

44.5838, 0.4018, 0.3681

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6165, 0.3431, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5838, 0.4018, 0.3681 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, 165, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 165, 132)  
}
```

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, 165, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 165, 132) }
```

Border

The CSS property to change the border of an element to Yxy 44.5838, 0.4018, 0.3681 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, 165, 132) }
```

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

```
.border{ border-color:rgb(225, 165, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 165, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 165, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 165, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 165,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5838, 0.4018, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 165, 132) }
```

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

```
.background{ background-color: rgb(225,  
165, 132) }
```

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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