

Converting Colors

$Y_{xy}(46.6956, 0.4052, 0.3731)$

Have a look what the booklet for
Yxy(46.6956, 0.4052, 0.3731)
contains.

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Color

Yxy(46.6726, 0.4045, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	E5A983
RGB	229, 169, 131
RGB Percent	90%, 66%, 51%
CMY	0.1019, 0.3373, 0.4862
CMYK	0.00, 0.26, 0.43, 0.10
HSL	23°, 65%, 71%
HSV	23°, 43%, 90%
XYZ	50.6006, 46.6726, 27.8209
YIQ	182.6080, 47.9580, 0.9020

Conversions

Conversions Part 2

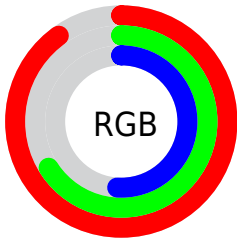
Format	Color
R _Y B	229, 193, 131
Decimal	15051139
CIE Lab	73.98, 17.39, 28.23
CIE LCh	74, 33.155, 58.359
Yxy	46.6726, 0.4045, 0.3731
Android (android.graphics.Color)	4293241219 (0xFFE5A983)
YUV	182.6080, -25.4427, 40.6858
Hunter-Lab	68.3173, 12.6541, 23.6774

Details

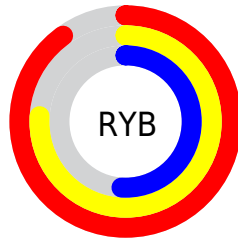
The Yxy color **46.6726, 0.4045, 0.3731** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.7573, 0.2464, 0.2792**, and the grayscale version is **47.2523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0320, 0.3629, 0.3699**, and **21.9746, 0.4297, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **41.1796, 0.4343, 0.3826**, and if you desaturate by 10%, it is **52.8671, 0.3778, 0.3626**.

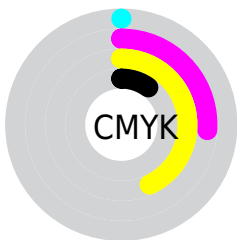
Distribution



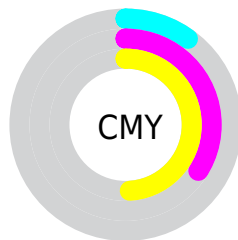
- Red (90%)
- Green (66%)
- Blue (51%)



- Red (90%)
- Yellow (76%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (43%)
- Black (10%)




- Cyan (10%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6726, 0.4045, 0.3731 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 46.6726, 0.4045, 0.3731 by changing the saturation by 10% instead.


 46.6726, 0.4045,
0.3731


 46.6726, 0.4045,
0.3731


373.5062, 0.3585,
0.3529

 32.7769, 0.4158,
0.3774


 85.2247, 0.3879,
0.3663

 21.9556, 0.4302,
0.3826


 110.6499, 0.3816,
0.3635

 13.8243, 0.4489,
0.3885


 140.6871, 0.3762,
0.3612

 7.9985, 0.4741,
0.3951

175.7206, 0.3717,
0.3591

 4.0940, 0.5089,
0.4012

216.1349, 0.3677,
0.3573

 1.7263, 0.5813,
0.4187

262.3143, 0.3643,

 0.4406, 0.6568,

0.3556

0.3432

314.6433, 0.3612,
0.3542

0.0000, 0.0000,
0.0000

46.6726, 0.4045,
0.3731

46.6726, 0.4045,
0.3731

41.1796, 0.4343,
0.3826

52.8671, 0.3778,
0.3626

36.3545, 0.4665,
0.3901

59.7813, 0.3545,
0.3519

32.1709, 0.4996,
0.3942

67.4414, 0.3343,
0.3415

28.5976, 0.5313,
0.3938

75.8697, 0.3171,
0.3316

25.5993, 0.5588,
0.3880

85.0880, 0.3023,
0.3224

■ 23.7652, 0.5755,
0.3813

■ 94.2217, 0.2970,
0.3271

■ 95.3992, 0.2970,
0.3290

Harmonies

Analogous

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



46.6726, 0.3976, 0.3366



46.6726, 0.4045, 0.3731



46.6726, 0.3850, 0.4021

Triad

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



46.6726, 0.4045, 0.3731



46.6726, 0.2600, 0.3577



46.6726, 0.2748, 0.2566

Complementary

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



46.6726, 0.4045, 0.3731



47.7573, 0.2464, 0.2792

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.



46.6726, 0.2426, 0.2571



46.6726, 0.4045, 0.3731



46.6726, 0.2344, 0.3118

Square

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



46.6726, 0.4045, 0.3731



46.6726, 0.3007, 0.3969



46.6726, 0.2284, 0.2758



46.6726, 0.3196, 0.2724

Rectangle

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



46.6726, 0.4045, 0.3731



46.6726, 0.3608, 0.4120



46.6726, 0.2284, 0.2758



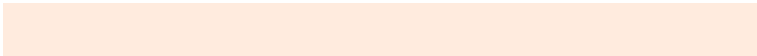
46.6726, 0.2623, 0.2548

Sweetspot

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



46.6748, 0.4045, 0.3731



85.7706, 0.3349, 0.3418



36.6783, 0.3549, 0.2609



17.8773, 0.3391, 0.3441



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.



46.6748, 0.4045, 0.3731



53.5394, 0.4297, 0.3813



68.2214, 0.3812, 0.4237



15.2795, 0.3283, 0.3382



13.8038, 0.5727, 0.3835



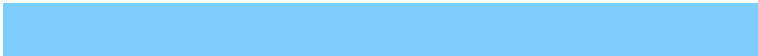
1.1960, 0.5456, 0.4050

Inverse Universe

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



47.7573, 0.2464, 0.2792



55.0432, 0.2342, 0.2672



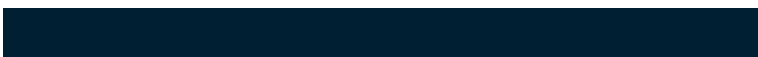
29.9651, 0.2352, 0.2119



15.3491, 0.2981, 0.3197



14.2381, 0.1881, 0.1971



1.2311, 0.1940, 0.2184

Previews

White Background



This preview shows how the Yxy color 46.6726, 0.4045, 0.3731 looks on a white background.

Color Contrast Check

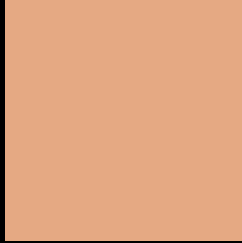
Large Text (above 18pt) WCAG AA × Fail

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 46.6726, 0.4045, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

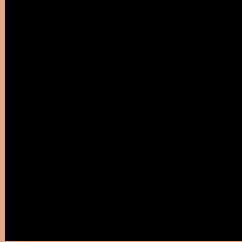
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6726, 0.4045, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 46.6726, 0.4045, 0.3731.



This preview shows how white text looks on a background with the Yxy color 46.6726, 0.4045, 0.3731.

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

46.6726, 0.4045, 0.3731

Protanopia

46.8641, 0.3615, 0.3872

Deuteranopia

46.4827, 0.3906, 0.3824



Tritanopia

46.6132, 0.3685, 0.3155

Trichromacy



Original Color

46.6726, 0.4045, 0.3731

Protanomaly

46.4589, 0.3764, 0.3816

Deuteranomaly

46.4889, 0.3964, 0.3791

Tritanomaly

46.5693, 0.3825, 0.3361

Monochromacy



Original Color

46.6726, 0.4045, 0.3731

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.8005, 0.3441, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6726, 0.4045, 0.3731 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(229, 169, 131)` looks like.

```
.text, #text, p{  
    color:rgb(229, 169, 131)  
}
```

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(229, 169, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 169, 131) }
```

Border

The CSS property to change the border of an element to Yxy 46.6726, 0.4045, 0.3731 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(229, 169, 131) }
```

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

```
.border{ border-color:rgb(229, 169, 131) }
```

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

Here you see how a box with a 4 pixel rgb(229, 169, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 169, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 169, 131);  
box-shadow:4px 4px 4px 4px rgb(229, 169,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6726, 0.4045, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 169, 131) }
```

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

```
.background{ background-color: rgb(229,  
169, 131) }
```

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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