

Converting Colors

$Yxy(66.5534, 0.3771, 0.4054)$

Have a look what the booklet for
Yxy(66.5534, 0.3771, 0.4054)
contains.

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Color

Yxy(66.7275, 0.3774, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	E8D58F
RGB	232, 213, 143
RGB Percent	91%, 84%, 56%
CMY	0.0903, 0.1647, 0.4392
CMYK	0.00, 0.08, 0.38, 0.09
HSL	47°, 66%, 74%
HSV	47°, 38%, 91%
XYZ	62.0270, 66.7275, 35.5990
YIQ	210.7010, 33.7940, -17.7420

Conversions

Conversions Part 2

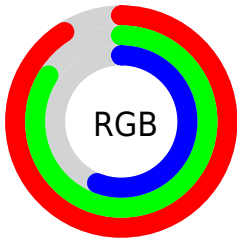
Format	Color
RYB	167, 232, 143
Decimal	15259023
CIELab	85.37, -3.23, 36.99
CIElCh	85, 37.129, 94.988
Yxy	66.7275, 0.3774, 0.4060
Android (android.graphics.Color)	4293449103 (0xFFE8D58F)
YUV	210.7010, -33.3766, 18.6792
Hunter-Lab	81.6869, -7.4124, 31.3424

Details

The Yxy color **66.7275, 0.3774, 0.4060** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4983, 0.2459, 0.2376**, and the grayscale version is **65.1422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **34.6829, 0.3912, 0.4239** is the 20% darker color. If you saturate the color by 10%, you get **63.6479, 0.3955, 0.4250**, and if you desaturate by 10%, it is **70.0345, 0.3594, 0.3858**.

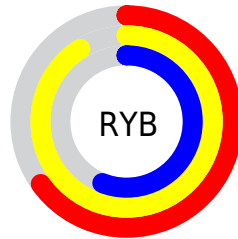
Distribution



Red (91%)

Green (84%)

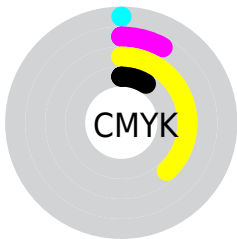
Blue (56%)



Red (65%)

Yellow (91%)

Blue (56%)

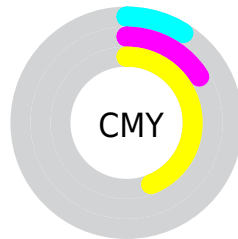


Cyan (0%)

Magenta (8%)

Yellow (38%)

Black (9%)



Cyan (9%)


Magenta (16%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7275, 0.3774, 0.4060 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 66.7275, 0.3774, 0.4060 by changing the saturation by 10% instead.


 66.7275, 0.3774,
0.4060

 66.7275, 0.3774,
0.4060


448.9742, 0.3477,
0.3702

 48.8632, 0.3839,
0.4141


 114.5299, 0.3672,
0.3936

 34.5110, 0.3919,
0.4239


 145.2367, 0.3633,
0.3888

 23.2864, 0.4015,
0.4360

180.9932, 0.3598,
0.3846

 14.8051, 0.4135,
0.4513

222.1838, 0.3568,
0.3810

 8.6827, 0.4281,
0.4707

269.1927, 0.3541,
0.3778

 4.5348, 0.4490,
0.4991

322.4045, 0.3517,

 1.9770, 0.4692,

0.3750

382.2035, 0.3496,
0.3724

0.5308

0.5941, 0.4499,
0.5501

0.0000, 0.0000,
0.0000

66.7275, 0.3774,
0.4060

66.7275, 0.3774,
0.4060

63.6479, 0.3955,
0.4250

70.0345, 0.3594,
0.3858

60.7768, 0.4130,
0.4419

73.5686, 0.3420,
0.3653

58.1066, 0.4291,
0.4556

77.3412, 0.3255,
0.3452

55.6252, 0.4430,
0.4652

81.3601, 0.3103,
0.3259

■ 53.3184, 0.4541,
0.4700

■ 85.3722, 0.2987,
0.3116

■ 51.1662, 0.4623,
0.4703

■ 88.2881, 0.2987,
0.3166

■ 50.8223, 0.4635,
0.4701

■ 91.2836, 0.2987,
0.3216

■ 94.3594, 0.2987,
0.3266

■ 95.8929, 0.2987,
0.3290

Harmonies

Analogous

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



66.7275, 0.4018, 0.3802



66.7275, 0.3774, 0.4060



66.7275, 0.3365, 0.4112

Triad

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



66.7275, 0.3774, 0.4060



66.7275, 0.2318, 0.3028



66.7275, 0.3301, 0.2780

Complementary

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



66.7275, 0.3774, 0.4060



37.4983, 0.2459, 0.2376

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.



66.7275, 0.2841, 0.2592



66.7275, 0.3774, 0.4060



66.7275, 0.2303, 0.2704

Square

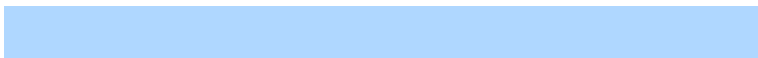
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7275, 0.3774, 0.4060



66.7275, 0.2532, 0.3473



66.7275, 0.2486, 0.2559



66.7275, 0.3741, 0.3084

Rectangle

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



66.7275, 0.3774, 0.4060



66.7275, 0.3059, 0.3996



66.7275, 0.2486, 0.2559



66.7275, 0.3143, 0.2702

Sweetspot

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



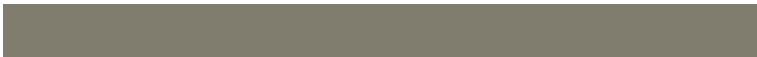
66.7306, 0.3774, 0.4060



94.0912, 0.3315, 0.3526



39.4186, 0.3867, 0.3071



20.0074, 0.3336, 0.3552



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.



66.7306, 0.3774, 0.4060



79.6742, 0.3917, 0.4212



72.9195, 0.3513, 0.4306



16.2681, 0.3273, 0.3474



28.4095, 0.4627, 0.4708



2.2299, 0.4551, 0.4768

Inverse Universe

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



37.4983, 0.2459, 0.2376



38.6893, 0.2306, 0.2148



33.8208, 0.2616, 0.2180



14.3827, 0.2980, 0.3099



4.6245, 0.1562, 0.0823



0.4755, 0.1635, 0.1086

Previews

White Background



This preview shows how the Yxy color 66.7275, 0.3774, 0.4060 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 66.7275, 0.3774, 0.4060 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 66.7275, 0.3774, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 66.7275, 0.3774, 0.4060.



This preview shows how white text looks on a background with the Yxy color 66.7275, 0.3774, 0.4060.

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

66.7275, 0.3774, 0.4060

Protanopia

66.5606, 0.3766, 0.4062

Deuteranopia

66.4901, 0.3986, 0.3900



Tritanopia

66.3516, 0.3297, 0.3122

Trichromacy



Original Color

66.7275, 0.3774, 0.4060

Protanomaly

66.5606, 0.3766, 0.4062

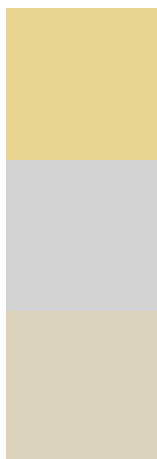
Deuteranomaly

66.4134, 0.3914, 0.3956

Tritanomaly

66.3918, 0.3478, 0.3465

Monochromacy



Original Color

66.7275, 0.3774, 0.4060

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6922, 0.3364, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7275, 0.3774, 0.4060 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(232, 213, 143)` looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 143)  
}
```

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(232, 213, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 143) }
```

Border

The CSS property to change the border of an element to Yxy 66.7275, 0.3774, 0.4060 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(232, 213, 143) }
```

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

```
.border{ border-color:rgb(232, 213, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 213, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 143);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7275, 0.3774, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 143) }
```

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

```
.background{ background-color: rgb(232,  
213, 143) }
```

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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