

Converting Colors

$Yxy(51.3774, 0.4261, 0.4371)$

Have a look what the booklet for
Yxy(51.3774, 0.4261, 0.4371)
contains.

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Color

Yxy(51.3774, 0.4261, 0.4371)

Conversions

Conversions Part 1

Format	Color
Hex	E1B956
RGB	225, 185, 86
RGB Percent	88%, 73%, 34%
CMY	0.1176, 0.2745, 0.6628
CMYK	0.00, 0.18, 0.62, 0.12
HSL	43°, 70%, 61%
HSV	43°, 62%, 88%
XYZ	50.0844, 51.3774, 16.0797
YIQ	185.6740, 55.6190, -22.3090

Conversions

Conversions Part 2

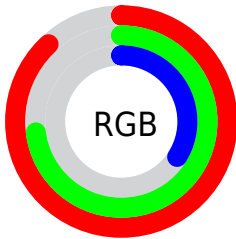
Format	Color
RYB	142, 225, 86
Decimal	14793046
CIELab	76.91, 3.39, 54.47
CIELCh	77, 54.575, 86.436
Yxy	51.3774, 0.4261, 0.4371
Android (android.graphics.Color)	4292983126 (0xFFE1B956)
YUV	185.6740, -49.1393, 34.4889
Hunter-Lab	71.6780, -0.7111, 36.8740

Details

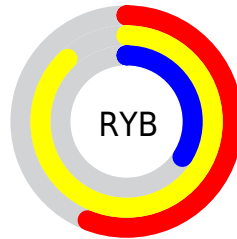
The Yxy color **51.3774, 0.4261, 0.4371** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **22.3415, 0.2049, 0.1839**, and the grayscale version is **49.1696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0347, 0.3861, 0.4294**, and **24.7193, 0.4499, 0.4586** is the 20% darker color. If you saturate the color by 10%, you get **48.4236, 0.4443, 0.4483**, and if you desaturate by 10%, it is **54.5737, 0.4066, 0.4224**.

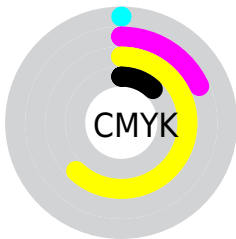
Distribution



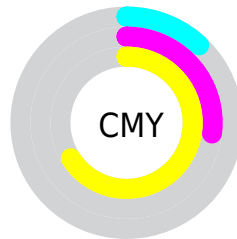
- Red (88%)
- Green (73%)
- Blue (34%)



- Red (56%)
- Yellow (88%)
- Blue (34%)



- Cyan (0%)
- Magenta (18%)
- Yellow (62%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3774, 0.4261, 0.4371 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 51.3774, 0.4261, 0.4371 by changing the saturation by 10% instead.

 51.3774, 0.4261,
0.4371

 51.3774, 0.4261,
0.4371

392.0283, 0.3733,
0.3877


 36.5090, 0.4373,
0.4472


 92.2124, 0.4082,
0.4207

 24.8276, 0.4503,
0.4588


 118.9478, 0.4011,
0.4140

 15.9487, 0.4652,
0.4715


 150.4077, 0.3949,
0.4082

 9.4878, 0.4820,
0.4852

 186.9765, 0.3895,
0.4031

 5.0607, 0.5009,
0.4991

229.0386, 0.3847,
0.3986

 2.2829, 0.5050,
0.4950

276.9783, 0.3805,

 0.7647, 0.5143,

0.3945

0.4857

331.1801, 0.3767,
0.3909

0.0000, 0.0000,
0.0000

51.3774, 0.4261,
0.4371

51.3774, 0.4261,
0.4371

48.4236, 0.4443,
0.4483

54.5737, 0.4066,
0.4224

45.6923, 0.4604,
0.4551

58.0165, 0.3867,
0.4054

43.1708, 0.4735,
0.4570

61.7184, 0.3672,
0.3871

41.2367, 0.4822,
0.4553

65.6889, 0.3486,
0.3683

69.9367, 0.3313,
0.3499

■ 74.4701, 0.3154,
0.3321

■ 79.2969, 0.3010,
0.3153

■ 83.6948, 0.2943,
0.3104

■ 87.5101, 0.2944,
0.3171

Harmonies

Analogous

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



51.3774, 0.4578, 0.3873



51.3774, 0.4261, 0.4371



51.3774, 0.3659, 0.4644

Triad

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



51.3774, 0.4261, 0.4371



51.3774, 0.1945, 0.3024



51.3774, 0.3170, 0.2416

Complementary

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



51.3774, 0.4261, 0.4371



22.3415, 0.2049, 0.1839

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.



51.3774, 0.2490, 0.2196



51.3774, 0.4261, 0.4371



51.3774, 0.1853, 0.2466

Square

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



51.3774, 0.4261, 0.4371



51.3774, 0.2327, 0.3796



51.3774, 0.2038, 0.2199



51.3774, 0.3922, 0.2815

Rectangle

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



51.3774, 0.4261, 0.4371



51.3774, 0.3186, 0.4580



51.3774, 0.2038, 0.2199



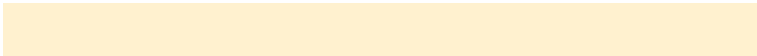
51.3774, 0.2925, 0.2320

Sweetspot

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



51.3799, 0.4261, 0.4371



88.6848, 0.3439, 0.3634



24.2163, 0.4477, 0.2834



18.6432, 0.3490, 0.3688



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.



51.3799, 0.4261, 0.4371



63.2806, 0.4490, 0.4507



66.4321, 0.3772, 0.4848



15.3280, 0.3274, 0.3456



23.9674, 0.4810, 0.4563



1.8124, 0.4693, 0.4656

Inverse Universe

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



22.3415, 0.2049, 0.1839



21.9715, 0.1850, 0.1500



15.6562, 0.2119, 0.1392



13.8828, 0.2981, 0.3118



5.4699, 0.1604, 0.0975



0.5298, 0.1689, 0.1280

Previews

White Background



This preview shows how the Yxy color 51.3774, 0.4261, 0.4371 looks on a white background.

Color Contrast Check

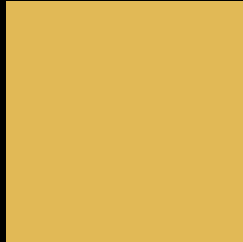
Large Text (above 18pt) WCAG AA × Fail

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 51.3774, 0.4261, 0.4371 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 51.3774, 0.4261, 0.4371

Background



This preview shows how black text looks on a background with the Yxy color 51.3774, 0.4261, 0.4371.



This preview shows how white text looks on a background with the Yxy color 51.3774, 0.4261, 0.4371.

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

51.3774, 0.4261, 0.4371

Protanopia

51.3804, 0.4087, 0.4464

Deuteranopia

51.3980, 0.4373, 0.4281



Tritanopia

51.1836, 0.3546, 0.3145

Trichromacy



Original Color

51.3774, 0.4261, 0.4371

Protanomaly

51.2535, 0.4152, 0.4432

Deuteranomaly

51.1329, 0.4330, 0.4307

Tritanomaly

50.8658, 0.3841, 0.3614

Monochromacy



Original Color

51.3774, 0.4261, 0.4371

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.5992, 0.3540, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3774, 0.4261, 0.4371 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, 185, 86)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 86)  
}
```

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, 185, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 86) }
```

Border

The CSS property to change the border of an element to Yxy 51.3774, 0.4261, 0.4371 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, 185, 86) }
```

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

```
.border{ border-color:rgb(225, 185, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 86);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3774, 0.4261, 0.4371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 86) }
```

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

```
.background{ background-color: rgb(225,  
185, 86) }
```

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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