

Converting Colors

$Yxy(75.9647, 0.4239, 0.4614)$

Have a look what the booklet for
Yxy(75.9647, 0.4239, 0.4614)
contains.

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Color

Yxy(75.7196, 0.4241, 0.4608)

Conversions

Conversions Part 1

Format	Color
Hex	FFE152
RGB	255, 225, 82
RGB Percent	100%, 88%, 32%
CMY	0.0000, 0.1176, 0.6786
CMYK	0.00, 0.12, 0.68, 0.00
HSL	50°, 100%, 66%
HSV	50°, 68%, 100%
XYZ	69.6890, 75.7196, 18.9135
YIQ	217.6680, 63.7830, -38.1130

Conversions

Conversions Part 2

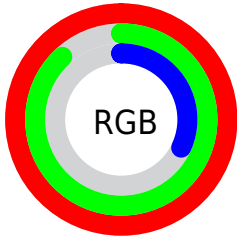
Format	Color
R _Y B	118, 255, 82
Decimal	16769362
CIE Lab	89.73, -4.86, 70.70
CIE LCh	90, 70.866, 93.936
Yxy	75.7196, 0.4241, 0.4608
Android (android.graphics.Color)	4294959442 (0xFFFFE152)
YUV	217.6680, -66.8843, 32.7402
Hunter-Lab	87.0170, -9.3252, 48.0250

Details

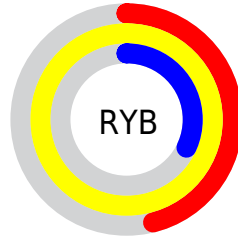
The Yxy color **75.7196, 0.4241, 0.4608** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **20.5869, 0.1883, 0.1419**, and the grayscale version is **70.3041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6150, 0.3809, 0.4417**, and **40.3833, 0.4421, 0.4830** is the 20% darker color. If you saturate the color by 10%, you get **73.0441, 0.4366, 0.4710**, and if you desaturate by 10%, it is **78.6051, 0.4092, 0.4464**.

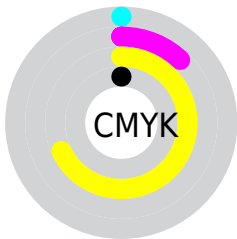
Distribution



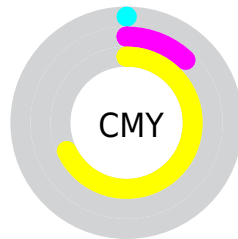
- Red (100%)
- Green (88%)
- Blue (32%)



- Red (46%)
- Yellow (100%)
- Blue (32%)



- Cyan (0%)
- Magenta (12%)
- Yellow (68%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7196, 0.4241, 0.4608 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 75.7196, 0.4241, 0.4608 by changing the saturation by 10% instead.

 75.7196, 0.4241,
0.4608


 75.7196, 0.4241,
0.4608

480.3873, 0.3779,
0.4045

 56.2026, 0.4325,
0.4716


 127.3305, 0.4097,
0.4428


 40.3654, 0.4417,
0.4836


 160.1931, 0.4035,
0.4353

 27.8236, 0.4512,
0.4966


 198.2732, 0.3981,
0.4287

 18.1927, 0.4603,
0.5101

 241.9549, 0.3932,
0.4228

 11.0884, 0.4720,
0.5280

291.6228, 0.3888,
0.4175

 6.1263, 0.4686,
0.5314

347.6613, 0.3848,

 2.9221, 0.4633,

0.4127

0.5367

410.4546, 0.3812,
0.4084

■ 1.0912, 0.4538,
0.5462

■ 0.0000, 0.0000,
0.0000

■ 75.7196, 0.4241,
0.4608

■ 75.7196, 0.4241,
0.4608

■ 73.0441, 0.4366,
0.4710

■ 78.6051, 0.4092,
0.4464

■ 70.5552, 0.4463,
0.4765

■ 81.7093, 0.3928,
0.4288

■ 68.2318, 0.4531,
0.4775

■ 85.0473, 0.3755,
0.4089

■ 67.7499, 0.4544,
0.4774

■ 88.6310, 0.3580,
0.3877

■ 92.4710, 0.3410,
0.3662

■ 96.5774, 0.3247,
0.3451

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



75.7196, 0.4713, 0.4067



75.7196, 0.4241, 0.4608



75.7196, 0.3510, 0.4849

Triad

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



75.7196, 0.4241, 0.4608



75.7196, 0.1749, 0.2785



75.7196, 0.3387, 0.2407

Complementary

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



75.7196, 0.4241, 0.4608



20.5869, 0.1883, 0.1419

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.



75.7196, 0.2575, 0.2110



75.7196, 0.4241, 0.4608



75.7196, 0.1730, 0.2251

Square

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



75.7196, 0.4241, 0.4608



75.7196, 0.2083, 0.3634



75.7196, 0.2006, 0.2044



75.7196, 0.4223, 0.2883

Rectangle

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



75.7196, 0.4241, 0.4608



75.7196, 0.2976, 0.4685



75.7196, 0.2006, 0.2044



75.7196, 0.3098, 0.2285

Sweetspot

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



75.7216, 0.4241, 0.4608



91.6287, 0.3446, 0.3708



28.4940, 0.4997, 0.3012



19.3790, 0.3493, 0.3769



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.



75.7216, 0.4241, 0.4608



72.2442, 0.4400, 0.4732



84.4353, 0.3670, 0.5067



20.5234, 0.3273, 0.3485



35.5970, 0.4537, 0.4779



3.6006, 0.4491, 0.4816

Inverse Universe

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



20.5869, 0.1883, 0.1419



14.2390, 0.1692, 0.1071



18.5436, 0.2140, 0.1266



17.8865, 0.2979, 0.3087



4.8686, 0.1543, 0.0753



0.6078, 0.1592, 0.0932

Previews

White Background



This preview shows how the Yxy color 75.7196, 0.4241, 0.4608 looks on a white background.

Color Contrast Check

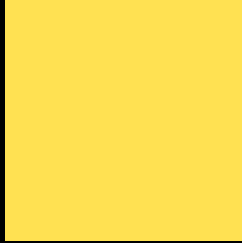
Large Text (above 18pt) WCAG AA × Fail

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 75.7196, 0.4241, 0.4608 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 75.7196, 0.4241, 0.4608

Background



This preview shows how black text looks on a background with the Yxy color 75.7196, 0.4241, 0.4608.



This preview shows how white text looks on a background with the Yxy color 75.7196, 0.4241, 0.4608.

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

75.7196, 0.4241, 0.4608

Protanopia

75.6974, 0.4211, 0.4629

Deuteranopia

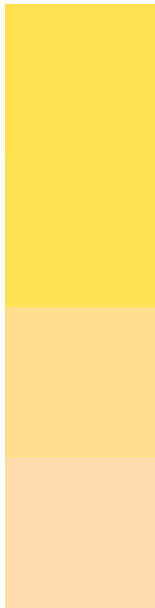
75.5024, 0.3711, 0.3763



Tritanopia

75.4069, 0.3338, 0.3170

Trichromacy



Original Color

75.7196, 0.4241, 0.4608

Protanomaly

75.8846, 0.4219, 0.4624

Deuteranomaly

75.4256, 0.3932, 0.4109

Tritanomaly

74.9790, 0.3714, 0.3753

Monochromacy



Original Color

75.7196, 0.4241, 0.4608

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.5664, 0.3558, 0.3860

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7196, 0.4241, 0.4608 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(255, 225, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 82)  
}
```

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(255, 225, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 82) }
```

Border

The CSS property to change the border of an element to Yxy 75.7196, 0.4241, 0.4608 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(255, 225, 82) }
```

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

```
.border{ border-color:rgb(255, 225, 82) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7196, 0.4241, 0.4608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 82) }
```

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

```
.background{ background-color: rgb(255,  
225, 82) }
```

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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