

Converting Colors

$Yxy(75.9367, 0.4182, 0.4521)$

Have a look what the booklet for
Yxy(75.9367, 0.4182, 0.4521)
contains.

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Color

Yxy(75.9367, 0.4182, 0.4521)

Conversions

Conversions Part 1

Format	Color
Hex	FFE15F
RGB	255, 225, 95
RGB Percent	100%, 88%, 37%
CMY	0.0000, 0.1177, 0.6274
CMYK	0.00, 0.12, 0.63, 0.00
HSL	49°, 100%, 69%
HSV	49°, 63%, 100%
XYZ	70.2427, 75.9367, 21.7850
YIQ	219.1500, 59.6100, -34.0700

Conversions

Conversions Part 2

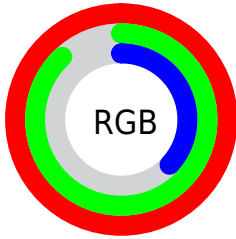
Format	Color
R _Y B	132, 255, 95
Decimal	16769375
CIE Lab	89.83, -4.11, 65.49
CIE LCh	90, 65.618, 93.590
Yxy	75.9367, 0.4182, 0.4521
Android (android.graphics.Color)	4294959455 (0xFFFFE15F)
YUV	219.1500, -61.2060, 31.4404
Hunter-Lab	87.1417, -8.6136, 46.1770

Details

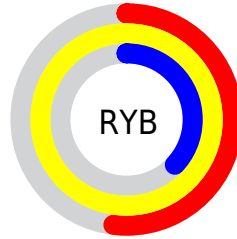
The Yxy color **75.9367, 0.4182, 0.4521** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **24.3278, 0.1979, 0.1599**, and the grayscale version is **71.3473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9820, 0.3745, 0.4311**, and **40.4851, 0.4363, 0.4746** is the 20% darker color. If you saturate the color by 10%, you get **72.9921, 0.4325, 0.4644**, and if you desaturate by 10%, it is **79.0971, 0.4020, 0.4362**.

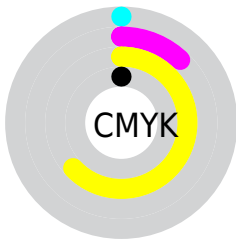
Distribution



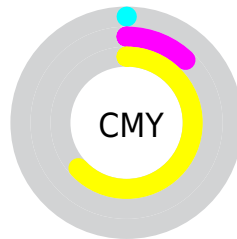
- Red (100%)
- Green (88%)
- Blue (37%)



- Red (52%)
- Yellow (100%)
- Blue (37%)



- Cyan (0%)
- Magenta (12%)
- Yellow (63%)
- Black (0%)




- Cyan (0%)
- Magenta (12%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9367, 0.4182, 0.4521 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 75.9367, 0.4182, 0.4521 by changing the saturation by 10% instead.

 75.9367, 0.4182,
0.4521

 75.9367, 0.4182,
0.4521


481.1310, 0.3736,
0.3989

 56.3806, 0.4267,
0.4626


 127.6374, 0.4040,
0.4349

 40.5082, 0.4361,
0.4744


 160.5508, 0.3981,
0.4278

 27.9350, 0.4463,
0.4877


 198.6855, 0.3928,
0.4215

 18.2766, 0.4567,
0.5020

 242.4258, 0.3881,
0.4160

 11.1488, 0.4695,
0.5201

292.1561, 0.3839,
0.4110

 6.1670, 0.4716,
0.5284

348.2608, 0.3802,

 2.9469, 0.4671,

0.4065

0.5329

411.1243, 0.3767,
0.4025

■ 1.1041, 0.4592,
0.5408

■ 0.0000, 0.0000,
0.0000

■ 75.9367, 0.4182,
0.4521

■ 75.9367, 0.4182,
0.4521

■ 72.9921, 0.4325,
0.4644

■ 79.0971, 0.4020,
0.4362

■ 70.2599, 0.4442,
0.4721

■ 82.4997, 0.3846,
0.4174

■ 67.7164, 0.4529,
0.4751

■ 86.1530, 0.3669,
0.3971

■ 65.9675, 0.4577,
0.4748

■ 90.0682, 0.3494,
0.3759

 94.2558, 0.3326,
0.3549

 98.7257, 0.3168,
0.3344

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.



75.9367, 0.4609, 0.4026



75.9367, 0.4182, 0.4521



75.9367, 0.3504, 0.4728

Triad

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



75.9367, 0.4182, 0.4521



75.9367, 0.1839, 0.2837



75.9367, 0.3362, 0.2459

Complementary

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



75.9367, 0.4182, 0.4521



24.3278, 0.1979, 0.1599

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.



75.9367, 0.2608, 0.2181



75.9367, 0.4182, 0.4521



75.9367, 0.1815, 0.2328

Square

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



75.9367, 0.4182, 0.4521



75.9367, 0.2162, 0.3622



75.9367, 0.2074, 0.2124



75.9367, 0.4134, 0.2908

Rectangle

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



75.9367, 0.4182, 0.4521



75.9367, 0.3005, 0.4573



75.9367, 0.2074, 0.2124



75.9367, 0.3095, 0.2344

Sweetspot

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



75.9325, 0.4182, 0.4521



91.6011, 0.3430, 0.3680



30.9804, 0.4745, 0.2990



19.3546, 0.3479, 0.3741



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.



75.9325, 0.4182, 0.4521



72.3565, 0.4354, 0.4665



85.6127, 0.3670, 0.4944



20.4773, 0.3274, 0.3482



34.6771, 0.4570, 0.4754



3.5191, 0.4519, 0.4794

Inverse Universe

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



24.3278, 0.1979, 0.1599



17.3439, 0.1779, 0.1251



21.2485, 0.2207, 0.1401



17.9289, 0.2979, 0.3091



5.0267, 0.1548, 0.0774



0.6292, 0.1600, 0.0960

Previews

White Background



This preview shows how the Yxy color 75.9367, 0.4182, 0.4521 looks on a white background.

Color Contrast Check

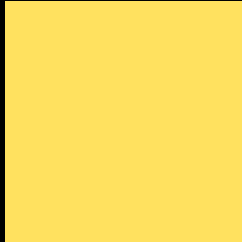
Large Text (above 18pt) WCAG AA × Fail

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 75.9367, 0.4182, 0.4521 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 75.9367, 0.4182, 0.4521

Background



This preview shows how black text looks on a background with the Yxy color 75.9367, 0.4182, 0.4521.

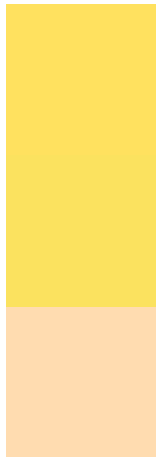


This preview shows how white text looks on a background with the Yxy color 75.9367, 0.4182, 0.4521.

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

75.9367, 0.4182, 0.4521

Protanopia

75.7282, 0.4145, 0.4546

Deuteranopia

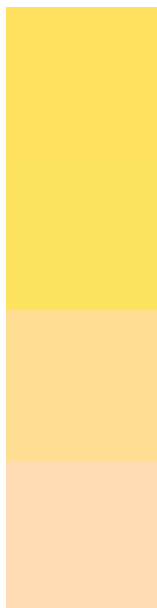
75.5810, 0.3697, 0.3742



Tritanopia

75.9178, 0.3337, 0.3180

Trichromacy



Original Color

75.9367, 0.4182, 0.4521

Protanomaly

75.9144, 0.4153, 0.4542

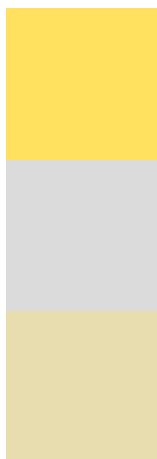
Deuteranomaly

75.6091, 0.3892, 0.4052

Tritanomaly

75.1777, 0.3678, 0.3701

Monochromacy



Original Color

75.9367, 0.4182, 0.4521

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9247, 0.3531, 0.3803

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9367, 0.4182, 0.4521 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 95) }
```

Border

The CSS property to change the border of an element to Yxy 75.9367, 0.4182, 0.4521 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, 95) }
```

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

```
.border{ border-color:rgb(255, 225, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9367, 0.4182, 0.4521 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, 95) }
```

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

```
.background{ background-color: rgb(255,  
225, 95) }
```

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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