

Converting Colors

$Yxy(72.4594, 0.4210, 0.4447)$

Have a look what the booklet for
Yxy(72.4594, 0.4210, 0.4447)
contains.

| | |
|---|----|
| Yxy(72.2846, 0.4211, 0.4443) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(72.2846, 0.4211, 0.4443)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFDA62 |
| RGB | 255, 218, 98 |
| RGB Percent | 100%, 85%, 38% |
| CMY | 0.0001, 0.1450, 0.6156 |
| CMYK | 0.00, 0.14, 0.62, 0.00 |
| HSL | 46°, 100%, 69% |
| HSV | 46°, 62%, 100% |
| XYZ | 68.5101, 72.2846, 21.8985 |
| YIQ | 215.3830, 60.5720, -29.4760 |

Conversions

Conversions Part 2

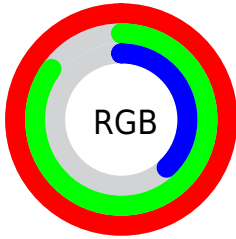
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 146, 255, 98 |
| Decimal | 16767586 |
| CIE Lab | 88.11, -0.42, 62.31 |
| CIE LCh | 88, 62.315, 90.389 |
| Yxy | 72.2846, 0.4211, 0.4443 |
| Android (android.graphics.Color) | 4294957666 (0xFFFFDA62) |
| YUV | 215.3830, -57.8698, 34.7441 |
| Hunter-Lab | 85.0204, -4.9488, 44.2430 |

Details

The Yxy color **72.2846, 0.4211, 0.4443** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **27.1362, 0.2022, 0.1728**, and the grayscale version is **68.5990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0799, 0.3728, 0.4284**, and **37.9709, 0.4410, 0.4646** is the 20% darker color. If you saturate the color by 10%, you get **68.8224, 0.4374, 0.4563**, and if you desaturate by 10%, it is **76.0199, 0.4032, 0.4287**.

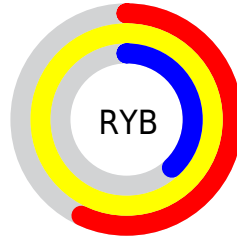
Distribution



Red (100%)

Green (85%)

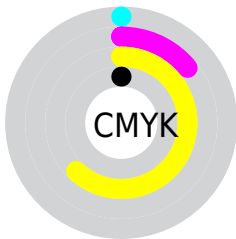
Blue (38%)



Red (57%)

Yellow (100%)

Blue (38%)

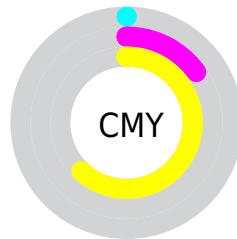


Cyan (0%)

Magenta (14%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.2846, 0.4211, 0.4443 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 72.2846, 0.4211, 0.4443 by changing the saturation by 10% instead.


 72.2846, 0.4211,
0.4443


 72.2846, 0.4211,
0.4443


468.5316, 0.3742,
0.3943

 53.3912, 0.4303,
0.4541

 122.4611, 0.4059,
0.4281


 38.1152, 0.4407,
0.4653

 154.5129, 0.3997,
0.4214

 26.0721, 0.4523,
0.4778


 191.7197, 0.3942,
0.4156

 16.8776, 0.4646,
0.4910

 234.4658, 0.3893,
0.4103

 10.1472, 0.4802,
0.5080

283.1357, 0.3849,
0.4057

 5.4967, 0.4856,
0.5144

338.1137, 0.3810,

 2.5415, 0.4851,

0.4015

0.5149

399.7842, 0.3774,
0.3977

0.8974, 0.4842,
0.5158

0.0000, 0.0000,
0.0000

72.2846, 0.4211,
0.4443

72.2846, 0.4211,
0.4443

68.8224, 0.4374,
0.4563

76.0199, 0.4032,
0.4287

65.6066, 0.4513,
0.4639

80.0322, 0.3846,
0.4106

62.6212, 0.4622,
0.4666

84.3378, 0.3659,
0.3910

60.2568, 0.4693,
0.4656

88.9487, 0.3479,
0.3710

 93.8758, 0.3309,
0.3511

 99.1293, 0.3151,
0.3319

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



72.2846, 0.4584, 0.3952



72.2846, 0.4211, 0.4443



72.2846, 0.3573, 0.4677

Triad

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



72.2846, 0.4211, 0.4443



72.2846, 0.1897, 0.2926



72.2846, 0.3272, 0.2446

Complementary

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



72.2846, 0.4211, 0.4443



27.1362, 0.2022, 0.1728

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.



72.2846, 0.2558, 0.2196



72.2846, 0.4211, 0.4443



72.2846, 0.1841, 0.2398

Square

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



72.2846, 0.4211, 0.4443



72.2846, 0.2245, 0.3699



72.2846, 0.2065, 0.2167



72.2846, 0.4028, 0.2869

Rectangle

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



72.2846, 0.4211, 0.4443



72.2846, 0.3090, 0.4564



72.2846, 0.2065, 0.2167



72.2846, 0.3017, 0.2340

Sweetspot

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



72.2881, 0.4211, 0.4443



90.6851, 0.3417, 0.3638



31.8064, 0.4591, 0.2913



19.1092, 0.3467, 0.3696



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.



72.2881, 0.4211, 0.4443



68.0296, 0.4410, 0.4586



86.9460, 0.3719, 0.4885



20.3229, 0.3275, 0.3471



31.7328, 0.4683, 0.4664



3.2564, 0.4615, 0.4718

Inverse Universe

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



27.1362, 0.2022, 0.1728



19.6998, 0.1820, 0.1380



21.2956, 0.2170, 0.1410



18.0719, 0.2979, 0.3103



5.6521, 0.1571, 0.0856



0.7093, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 72.2846, 0.4211, 0.4443 looks on a white background.

Color Contrast Check

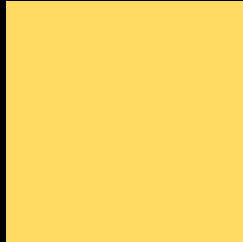
Large Text (above 18pt) WCAG AA × Fail

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 72.2846, 0.4211, 0.4443 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 72.2846, 0.4211, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 72.2846, 0.4211, 0.4443.



This preview shows how white text looks on a background with the Yxy color 72.2846, 0.4211, 0.4443.

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

72.2846, 0.4211, 0.4443

Protanopia

72.2066, 0.4117, 0.4497

Deuteranopia

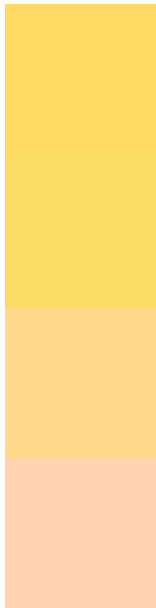
72.3989, 0.3829, 0.3857



Tritanopia

72.0814, 0.3390, 0.3169

Trichromacy



Original Color

72.2846, 0.4211, 0.4443

Protanomaly

72.2270, 0.4147, 0.4476

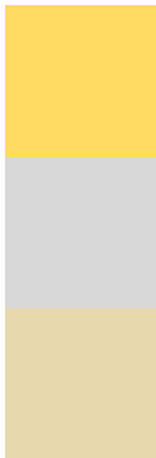
Deuteranomaly

72.1779, 0.3986, 0.4092

Tritanomaly

71.4816, 0.3721, 0.3663

Monochromacy



Original Color

72.2846, 0.4211, 0.4443

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.9133, 0.3542, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2846, 0.4211, 0.4443 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, 218, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 98)  
}
```

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, 218, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 98) }
```

Border

The CSS property to change the border of an element to Yxy 72.2846, 0.4211, 0.4443 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, 218, 98) }
```

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

```
.border{ border-color:rgb(255, 218, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
98) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.2846, 0.4211, 0.4443$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 98) }
```

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

```
.background{ background-color: rgb(255,  
218, 98) }
```

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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