

Converting Colors

$Y_{xy}(72.5579, 0.4281, 0.4726)$

Have a look what the booklet for
Yxy(72.5579, 0.4281, 0.4726)
contains.

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Color

Yxy(72.5579, 0.4281, 0.4726)

Conversions

Conversions Part 1

Format	Color
Hex	F8DE3F
RGB	248, 222, 63
RGB Percent	97%, 87%, 25%
CMY	0.0275, 0.1294, 0.7529
CMYK	0.00, 0.10, 0.75, 0.03
HSL	52°, 93%, 61%
HSV	52°, 75%, 97%
XYZ	65.7259, 72.5579, 15.2454
YIQ	211.6480, 66.5350, -43.9370

Conversions

Conversions Part 2

Format	Color
R _Y B	93, 248, 63
Decimal	16309823
CIE Lab	88.24, -7.15, 75.86
CIE LCh	88, 76.200, 95.381
Yxy	72.5579, 0.4281, 0.4726
Android (android.graphics.Color)	4294499903 (0xFFFF8DE3F)
YUV	211.6480, -73.2835, 31.8807
Hunter-Lab	85.1809, -11.3355, 49.0151

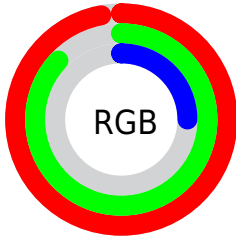
Details

The Yxy color **72.5579, 0.4281, 0.4726** is a light color, and the websafe version is hex **FFCC33**.

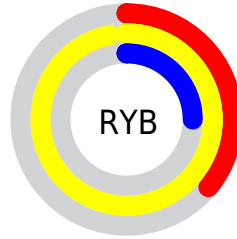
The color can be described as light washed yellow. A complement of this color would be **14.9766, 0.1762, 0.1170**, and the grayscale version is **66.0572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1605, 0.3893, 0.4557**, and **38.3288, 0.4404, 0.4885** is the 20% darker color. If you saturate the color by 10%, you get **70.5129, 0.4376, 0.4801**, and if you desaturate by 10%, it is **74.7728, 0.4159, 0.4605**.

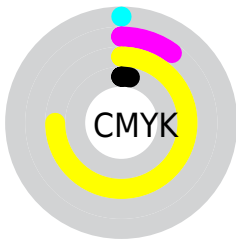
Distribution



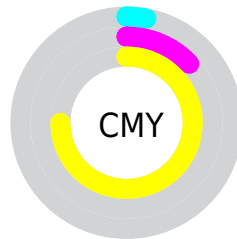
- Red (97%)
- Green (87%)
- Blue (25%)



- Red (36%)
- Yellow (97%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (75%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5579, 0.4281, 0.4726 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 72.5579, 0.4281, 0.4726 by changing the saturation by 10% instead.

 72.5579, 0.4281,
0.4726


 72.5579, 0.4281,
0.4726


469.4811, 0.3812,
0.4115

 53.6145, 0.4362,
0.4840


 122.8494, 0.4138,
0.4533

 38.2936, 0.4446,
0.4965


 154.9663, 0.4076,
0.4452

 26.2106, 0.4528,
0.5097


 192.2432, 0.4020,
0.4379

 16.9813, 0.4604,
0.5239

 235.0645, 0.3970,
0.4315

 10.2211, 0.4641,
0.5359

 283.8145, 0.3925,
0.4257

 5.5458, 0.4587,
0.5413

338.8777, 0.3883,

 2.5709, 0.4502,

0.4205

0.5498

400.6384, 0.3846,
0.4158

■ 0.9121, 0.4315,
0.5685

■ 0.0000, 0.0000,
0.0000

■ 72.5579, 0.4281,
0.4726

■ 72.5579, 0.4281,
0.4726

■ 70.5129, 0.4376,
0.4801

■ 74.7728, 0.4159,
0.4605


■ 68.6089, 0.4443,
0.4831

■ 77.1622, 0.4014,
0.4446


■ 67.6242, 0.4470,
0.4833


■ 79.7427, 0.3855,
0.4256

■ 82.5257, 0.3688,
0.4045

 85.5218, 0.3519,
0.3825

 88.7406, 0.3354,
0.3603

 92.1911, 0.3196,
0.3387

 95.4622, 0.3085,
0.3240

 97.6447, 0.3084,
0.3274

Harmonies

Analogous

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



72.5579, 0.4822, 0.4134



72.5579, 0.4281, 0.4726



72.5579, 0.3482, 0.4995

Triad

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



72.5579, 0.4281, 0.4726



72.5579, 0.1638, 0.2694



72.5579, 0.3451, 0.2361

Complementary

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



72.5579, 0.4281, 0.4726



14.9766, 0.1762, 0.1170

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.



72.5579, 0.2563, 0.2036



72.5579, 0.4281, 0.4726



72.5579, 0.1638, 0.2147

Square

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



72.5579, 0.4281, 0.4726



72.5579, 0.1970, 0.3611



72.5579, 0.1943, 0.1950



72.5579, 0.4359, 0.2872

Rectangle

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



72.5579, 0.4281, 0.4726



72.5579, 0.2908, 0.4804



72.5579, 0.1943, 0.1950



72.5579, 0.3135, 0.2229

Sweetspot

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



72.5614, 0.4281, 0.4726



91.9757, 0.3476, 0.3768



24.2617, 0.5368, 0.3074



19.4926, 0.3521, 0.3829



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.



72.5614, 0.4281, 0.4726



73.9881, 0.4417, 0.4823



77.5807, 0.3641, 0.5226



19.7507, 0.3272, 0.3492



36.6933, 0.4465, 0.4837



3.5090, 0.4427, 0.4867

Inverse Universe

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



14.9766, 0.1762, 0.1170



10.4314, 0.1585, 0.0828



14.9036, 0.2079, 0.1123



17.0360, 0.2979, 0.3080



4.4220, 0.1531, 0.0710



0.5256, 0.1578, 0.0882

Previews

White Background



This preview shows how the Yxy color 72.5579, 0.4281, 0.4726 looks on a white background.

Color Contrast Check

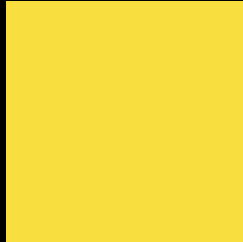
Large Text (above 18pt) WCAG AA × Fail

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 72.5579, 0.4281, 0.4726 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 72.5579, 0.4281, 0.4726

Background



This preview shows how black text looks on a background with the Yxy color 72.5579, 0.4281, 0.4726.



This preview shows how white text looks on a background with the Yxy color 72.5579, 0.4281, 0.4726.

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

72.5579, 0.4281, 0.4726

Protanopia

72.5579, 0.4281, 0.4726

Deuteranopia

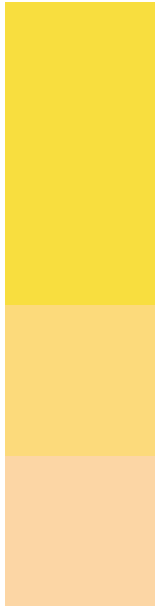
72.3295, 0.3844, 0.3877



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.5579, 0.4281, 0.4726

Protanomaly

72.5579, 0.4281, 0.4726

Deuteranomaly

72.2683, 0.4044, 0.4248

Tritanomaly

71.5052, 0.3773, 0.3801

Monochromacy



Original Color

72.5579, 0.4281, 0.4726

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.5879, 0.3602, 0.3941

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5579, 0.4281, 0.4726 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(248, 222, 63)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 63)  
}
```

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(248, 222, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 63) }
```

Border

The CSS property to change the border of an element to Yxy 72.5579, 0.4281, 0.4726 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(248, 222, 63) }
```

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

```
.border{ border-color:rgb(248, 222, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 222, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 63);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5579, 0.4281, 0.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 63) }
```

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

```
.background{ background-color: rgb(248,  
222, 63) }
```

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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