

Converting Colors

$Yxy(73.3448, 0.4260, 0.4697)$

Have a look what the booklet for
Yxy(73.3448, 0.4260, 0.4697)
contains.

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Color

Yxy(73.3448, 0.4260, 0.4697)

Conversions

Conversions Part 1

Format	Color
Hex	F9DF45
RGB	249, 223, 69
RGB Percent	98%, 87%, 27%
CMY	0.0237, 0.1254, 0.7293
CMYK	0.00, 0.10, 0.72, 0.02
HSL	51°, 94%, 62%
HSV	51°, 72%, 98%
XYZ	66.5209, 73.3448, 16.2867
YIQ	213.2180, 64.9300, -42.3820

Conversions

Conversions Part 2

Format	Color
R _Y B	99, 249, 69
Decimal	16375621
CIE Lab	88.61, -6.99, 74.20
CIE LCh	89, 74.527, 95.380
Yxy	73.3448, 0.4260, 0.4697
Android (android.graphics.Color)	4294565701 (0xFFFF9DF45)
YUV	213.2180, -71.0995, 31.3808
Hunter-Lab	85.6416, -11.2253, 48.6738

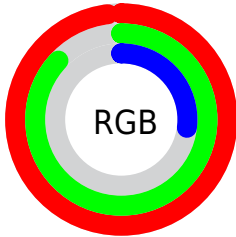
Details

The Yxy color **73.3448, 0.4260, 0.4697** 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 **16.2865, 0.1799, 0.1239**, and the grayscale version is **67.1484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2864, 0.3869, 0.4517**, and **38.8241, 0.4403, 0.4886** is the 20% darker color. If you saturate the color by 10%, you get **71.2024, 0.4363, 0.4783**, and if you desaturate by 10%, it is **75.6645, 0.4131, 0.4567**.

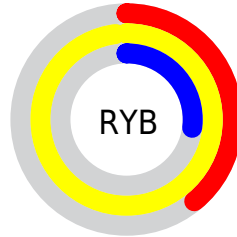
Distribution



Red (98%)

Green (87%)

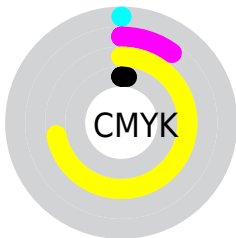
Blue (27%)



Red (39%)

Yellow (98%)

Blue (27%)

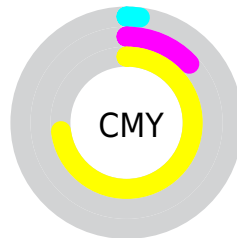


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (2%)



Cyan (2%)


Magenta (13%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3448, 0.4260, 0.4697 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 73.3448, 0.4260, 0.4697 by changing the saturation by 10% instead.


 73.3448, 0.4260,
0.4697

 73.3448, 0.4260,
0.4697


472.2090, 0.3797,
0.4096


 54.2579, 0.4341,
0.4810


 123.9666, 0.4118,
0.4506

 38.8079, 0.4427,
0.4936

 156.2703, 0.4057,
0.4426


 26.6103, 0.4512,
0.5070


 193.7484, 0.4002,
0.4355

 17.2808, 0.4588,
0.5209

 236.7853, 0.3952,
0.4292

 10.4349, 0.4648,
0.5352

 285.7655, 0.3907,
0.4235

 5.6882, 0.4596,
0.5404

341.0732, 0.3867,

 2.6565, 0.4515,

0.4184

0.5485

403.0929, 0.3830,
0.4138

■ 0.9551, 0.4351,
0.5649

■ 0.0000, 0.0000,
0.0000

■ 73.3448, 0.4260,
0.4697

■ 73.3448, 0.4260,
0.4697

■ 71.2024, 0.4363,
0.4783

■ 75.6645, 0.4131,
0.4567

■ 69.2092, 0.4437,
0.4822


■ 78.1656, 0.3981,
0.4400


■ 67.7524, 0.4478,
0.4826


■ 80.8645, 0.3818,
0.4205

■ 83.7726, 0.3649,
0.3992

 86.9002, 0.3480,
0.3772

 90.2569, 0.3316,
0.3551

 93.8517, 0.3161,
0.3337

 96.8125, 0.3091,
0.3259

 98.8736, 0.3090,
0.3290

Harmonies

Analogous

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



73.3448, 0.4785, 0.4123



73.3448, 0.4260, 0.4697



73.3448, 0.3479, 0.4950

Triad

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



73.3448, 0.4260, 0.4697



73.3448, 0.1669, 0.2712



73.3448, 0.3444, 0.2381

Complementary

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



73.3448, 0.4260, 0.4697



16.2865, 0.1799, 0.1239

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.



73.3448, 0.2577, 0.2061



73.3448, 0.4260, 0.4697



73.3448, 0.1667, 0.2173

Square

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



73.3448, 0.4260, 0.4697



73.3448, 0.1998, 0.3604



73.3448, 0.1968, 0.1978



73.3448, 0.4328, 0.2883

Rectangle

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



73.3448, 0.4260, 0.4697



73.3448, 0.2918, 0.4760



73.3448, 0.1968, 0.1978



73.3448, 0.3136, 0.2251

Sweetspot

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



73.3483, 0.4260, 0.4697



91.8449, 0.3476, 0.3766



25.2397, 0.5267, 0.3070



19.4613, 0.3522, 0.3827



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.



73.3483, 0.4260, 0.4697



74.1485, 0.4403, 0.4807



78.5988, 0.3638, 0.5182



19.7389, 0.3272, 0.3491



36.4403, 0.4473, 0.4831



3.4879, 0.4434, 0.4861

Inverse Universe

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



16.2865, 0.1799, 0.1239



11.3431, 0.1612, 0.0889



16.0052, 0.2115, 0.1178



17.0468, 0.2979, 0.3080



4.4548, 0.1532, 0.0715



0.5307, 0.1580, 0.0889

Previews

White Background



This preview shows how the Yxy color 73.3448, 0.4260, 0.4697 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 73.3448, 0.4260, 0.4697 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 73.3448, 0.4260, 0.4697

Background



This preview shows how black text looks on a background with the Yxy color 73.3448, 0.4260, 0.4697.



This preview shows how white text looks on a background with the Yxy color 73.3448, 0.4260, 0.4697.

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

73.3448, 0.4260, 0.4697

Protanopia

73.3448, 0.4260, 0.4697

Deuteranopia

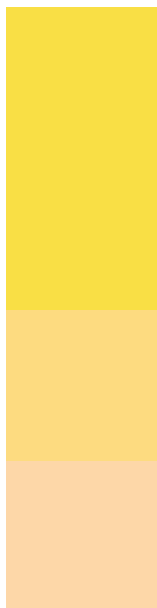
72.9804, 0.3811, 0.3846



Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.3448, 0.4260, 0.4697

Protanomaly

73.3448, 0.4260, 0.4697

Deuteranomaly

73.1042, 0.4015, 0.4209

Tritanomaly

72.3107, 0.3755, 0.3778

Monochromacy



Original Color

73.3448, 0.4260, 0.4697

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

68.3677, 0.3586, 0.3916

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3448, 0.4260, 0.4697 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(249, 223, 69)` looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 69)  
}
```

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(249, 223, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 69) }
```

Border

The CSS property to change the border of an element to Yxy 73.3448, 0.4260, 0.4697 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(249, 223, 69) }
```

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

```
.border{ border-color:rgb(249, 223, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 223, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 69);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3448, 0.4260, 0.4697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 69) }
```

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

```
.background{ background-color: rgb(249,  
223, 69) }
```

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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