

Converting Colors

$Yxy(71.7925, 0.4297, 0.4748)$

Have a look what the booklet for
Yxy(71.7925, 0.4297, 0.4748)
contains.

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Color

Yxy(71.7925, 0.4297, 0.4748)

Conversions

Conversions Part 1

Format	Color
Hex	F7DD3A
RGB	247, 221, 58
RGB Percent	97%, 87%, 23%
CMY	0.0315, 0.1333, 0.7724
CMYK	0.00, 0.11, 0.77, 0.03
HSL	52°, 92%, 60%
HSV	52°, 77%, 97%
XYZ	64.9731, 71.7925, 14.4402
YIQ	210.1920, 67.8190, -45.1810

Conversions

Conversions Part 2

Format	Color
RYB	88, 247, 58
Decimal	16244026
CIELab	87.87, -7.25, 77.09
CIELCh	88, 77.432, 95.376
Yxy	71.7925, 0.4297, 0.4748
Android (android.graphics.Color)	4294434106 (0xFFFF7DD3A)
YUV	210.1920, -75.0307, 32.2806
Hunter-Lab	84.7305, -11.4007, 49.2068

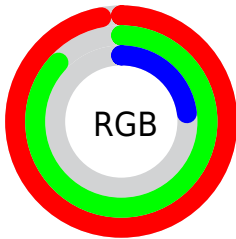
Details

The Yxy color **71.7925, 0.4297, 0.4748** 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 **13.9560, 0.1734, 0.1115**, and the grayscale version is **65.0541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0644, 0.3912, 0.4588**, and **37.7115, 0.4396, 0.4892** is the 20% darker color. If you saturate the color by 10%, you get **69.8274, 0.4386, 0.4815**, and if you desaturate by 10%, it is **73.9212, 0.4180, 0.4635**.

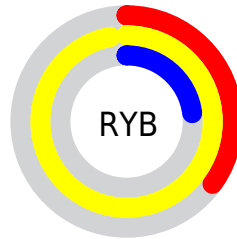
Distribution



Red (97%)

Green (87%)

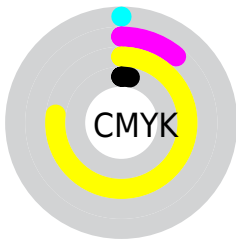
Blue (23%)



Red (35%)

Yellow (97%)

Blue (23%)

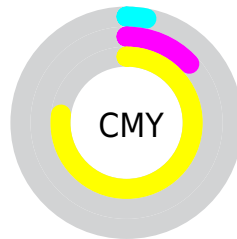


Cyan (0%)

Magenta (11%)

Yellow (77%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7925, 0.4297, 0.4748 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 71.7925, 0.4297, 0.4748 by changing the saturation by 10% instead.


 71.7925, 0.4297,
0.4748


 71.7925, 0.4297,
0.4748


466.8190, 0.3823,
0.4129

 52.9892, 0.4377,
0.4862


 121.7615, 0.4153,
0.4553

 37.7941, 0.4460,
0.4987


 153.6959, 0.4091,
0.4471


 25.8230, 0.4539,
0.5118


 190.7762, 0.4035,
0.4398

 16.6912, 0.4617,
0.5263

 233.3867, 0.3984,
0.4332

 10.0146, 0.4636,
0.5364

 281.9119, 0.3938,
0.4273

 5.4086, 0.4581,
0.5419

336.7361, 0.3896,

 2.4890, 0.4492,

0.4220

0.5508

398.2436, 0.3858,
0.4173

■ 0.8711, 0.4276,
0.5724

■ 0.0000, 0.0000,
0.0000

■ 71.7925, 0.4297,
0.4748

■ 71.7925, 0.4297,
0.4748

■ 69.8274, 0.4386,
0.4815

■ 73.9212, 0.4180,
0.4635

■ 67.9962, 0.4446,
0.4837


■ 76.2185, 0.4041,
0.4482

■ 67.3774, 0.4463,
0.4838

■ 78.7011, 0.3885,
0.4297


■ 81.3807, 0.3719,
0.4089

 84.2677, 0.3550,
0.3870

 87.3720, 0.3384,
0.3647

 90.7024, 0.3225,
0.3428

 94.2272, 0.3080,
0.3224

 96.3352, 0.3079,
0.3257

Harmonies

Analogous

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



71.7925, 0.4850, 0.4142



71.7925, 0.4297, 0.4748



71.7925, 0.3484, 0.5030

Triad

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



71.7925, 0.4297, 0.4748



71.7925, 0.1615, 0.2680



71.7925, 0.3455, 0.2346

Complementary

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



71.7925, 0.4297, 0.4748



13.9560, 0.1734, 0.1115

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.



71.7925, 0.2552, 0.2016



71.7925, 0.4297, 0.4748



71.7925, 0.1615, 0.2126

Square

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



71.7925, 0.4297, 0.4748



71.7925, 0.1949, 0.3616



71.7925, 0.1924, 0.1929



71.7925, 0.4383, 0.2863

Rectangle

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



71.7925, 0.4297, 0.4748



71.7925, 0.2901, 0.4838



71.7925, 0.1924, 0.1929



71.7925, 0.3134, 0.2212

Sweetspot

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



71.7959, 0.4297, 0.4748



91.7463, 0.3492, 0.3792



23.4782, 0.5450, 0.3079



19.3851, 0.3553, 0.3873



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.



71.7959, 0.4297, 0.4748



73.9590, 0.4423, 0.4833



76.6198, 0.3641, 0.5260



18.9024, 0.3272, 0.3492



35.7969, 0.4458, 0.4842



3.2511, 0.4420, 0.4873

Inverse Universe

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



13.9560, 0.1734, 0.1115



9.8865, 0.1569, 0.0791



14.0416, 0.2050, 0.1080



16.2939, 0.2979, 0.3079



4.2720, 0.1530, 0.0707



0.4871, 0.1580, 0.0887

Previews

White Background



This preview shows how the Yxy color 71.7925, 0.4297, 0.4748 looks on a white background.

Color Contrast Check

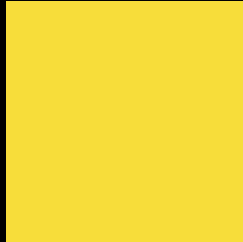
Large Text (above 18pt) WCAG AA × Fail

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 71.7925, 0.4297, 0.4748 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 71.7925, 0.4297, 0.4748

Background



This preview shows how black text looks on a background with the Yxy color 71.7925, 0.4297, 0.4748.



This preview shows how white text looks on a background with the Yxy color 71.7925, 0.4297, 0.4748.

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

71.7925, 0.4297, 0.4748

Protanopia

71.7925, 0.4297, 0.4748

Deuteranopia

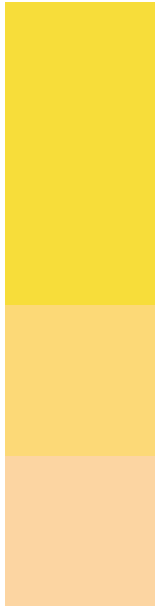
71.6862, 0.3876, 0.3907



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.7925, 0.4297, 0.4748

Protanomaly

71.7925, 0.4297, 0.4748

Deuteranomaly

71.6531, 0.4074, 0.4275

Tritanomaly

70.8926, 0.3798, 0.3822

Monochromacy



Original Color

71.7925, 0.4297, 0.4748

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.1477, 0.3613, 0.3958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7925, 0.4297, 0.4748 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(247, 221, 58)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 58)  
}
```

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(247, 221, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 58) }
```

Border

The CSS property to change the border of an element to Yxy 71.7925, 0.4297, 0.4748 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(247, 221, 58) }
```

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

```
.border{ border-color:rgb(247, 221, 58) }
```

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

Here you see how a box with a 4 pixel rgb(247, 221, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 58);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7925, 0.4297, 0.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 58) }
```

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

```
.background{ background-color: rgb(247,  
221, 58) }
```

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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