

Converting Colors

$Y_{xy}(75.9057, 0.4273, 0.4689)$

Have a look what the booklet for
Yxy(75.9057, 0.4273, 0.4689)
contains.

Yxy(75.9057, 0.4273, 0.4689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.9057, 0.4273, 0.4689)

Conversions

Conversions Part 1

Format	Color
Hex	FEE246
RGB	254, 226, 70
RGB Percent	100%, 89%, 27%
CMY	0.0040, 0.1137, 0.7254
CMYK	0.00, 0.11, 0.72, 0.00
HSL	51°, 99%, 64%
HSV	51°, 72%, 100%
XYZ	69.1715, 75.9057, 16.8032
YIQ	216.5880, 66.7640, -42.5800

Conversions

Conversions Part 2

Format	Color
RYB	103, 254, 70
Decimal	16704070
CIELab	89.82, -6.36, 75.16
CIELCh	90, 75.432, 94.834
Yxy	75.9057, 0.4273, 0.4689
Android (android.graphics.Color)	4294894150 (0xFFFE246)
YUV	216.5880, -72.2679, 32.8103
Hunter-Lab	87.1239, -10.7478, 49.5517

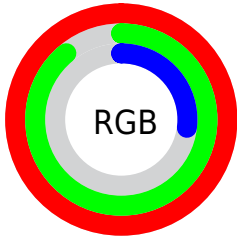
Details

The Yxy color **75.9057, 0.4273, 0.4689** 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 **17.1930, 0.1799, 0.1248**, and the grayscale version is **69.5638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3385, 0.3860, 0.4501**, and **40.4633, 0.4409, 0.4881** is the 20% darker color. If you saturate the color by 10%, you get **73.5763, 0.4378, 0.4773**, and if you desaturate by 10%, it is **78.4251, 0.4142, 0.4561**.

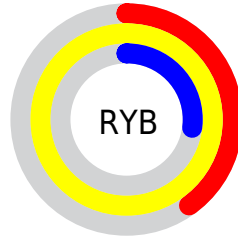
Distribution



Red (100%)

Green (89%)

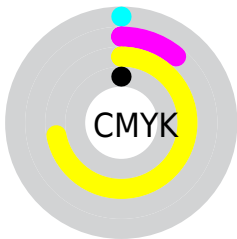
Blue (27%)



Red (40%)

Yellow (100%)

Blue (27%)

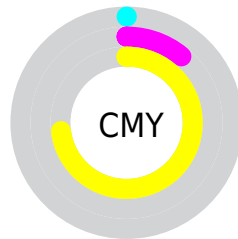


Cyan (0%)

Magenta (11%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9057, 0.4273, 0.4689 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 75.9057, 0.4273, 0.4689 by changing the saturation by 10% instead.


 75.9057, 0.4273,
0.4689


 75.9057, 0.4273,
0.4689


481.0248, 0.3807,
0.4097

 56.3552, 0.4354,
0.4800

 127.5936, 0.4130,
0.4502


 40.4878, 0.4441,
0.4921


 160.4998, 0.4069,
0.4423


 27.9191, 0.4526,
0.5051


 198.6266, 0.4014,
0.4353

 18.2647, 0.4603,
0.5184

 242.3585, 0.3964,
0.4291

 11.1402, 0.4673,
0.5327

 292.0799, 0.3919,
0.4235

 6.1612, 0.4628,
0.5372

348.1752, 0.3878,

 2.9433, 0.4559,

0.4184

0.5441

411.0287, 0.3841,
0.4139

■ 1.1022, 0.4434,
0.5566

■ 0.0000, 0.0000,
0.0000

■ 75.9057, 0.4273,
0.4689

■ 75.9057, 0.4273,
0.4689

■ 73.5763, 0.4378,
0.4773

■ 78.4251, 0.4142,
0.4561

■ 71.4075, 0.4454,
0.4810

■ 81.1393, 0.3990,
0.4395

■ 69.8539, 0.4496,
0.4812

■ 84.0653, 0.3825,
0.4202

■ 87.2152, 0.3655,
0.3991

90.6000, 0.3484,
0.3772

94.2297, 0.3320,
0.3553

98.1138, 0.3163,
0.3340

99.8080, 0.3121,
0.3290

Harmonies

Analogous

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



75.9057, 0.4792, 0.4111



75.9057, 0.4273, 0.4689



75.9057, 0.3494, 0.4951

Triad

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



75.9057, 0.4273, 0.4689



75.9057, 0.1672, 0.2725



75.9057, 0.3427, 0.2373

Complementary

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



75.9057, 0.4273, 0.4689



17.1930, 0.1799, 0.1248

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.



75.9057, 0.2563, 0.2057



75.9057, 0.4273, 0.4689



75.9057, 0.1664, 0.2179

Square

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



75.9057, 0.4273, 0.4689



75.9057, 0.2006, 0.3623



75.9057, 0.1960, 0.1978



75.9057, 0.4315, 0.2873

Rectangle

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



75.9057, 0.4273, 0.4689



75.9057, 0.2933, 0.4770



75.9057, 0.1960, 0.1978



75.9057, 0.3120, 0.2244

Sweetspot

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



75.9093, 0.4273, 0.4689



91.5762, 0.3477, 0.3762



26.3849, 0.5235, 0.3043



19.3970, 0.3523, 0.3822



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.



75.9093, 0.4273, 0.4689



73.2234, 0.4417, 0.4795



82.6100, 0.3659, 0.5172



20.5923, 0.3273, 0.3490



37.0086, 0.4490, 0.4817



3.7252, 0.4451, 0.4848

Inverse Universe

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



17.1930, 0.1799, 0.1248



11.5465, 0.1616, 0.0902



16.3912, 0.2088, 0.1160



17.8235, 0.2979, 0.3082



4.6554, 0.1534, 0.0724



0.5778, 0.1581, 0.0893

Previews

White Background



This preview shows how the Yxy color 75.9057, 0.4273, 0.4689 looks on a white background.

Color Contrast Check

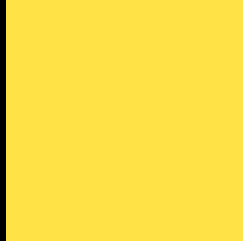
Large Text (above 18pt) WCAG AA × Fail

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 75.9057, 0.4273, 0.4689 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 75.9057, 0.4273, 0.4689

Background



This preview shows how black text looks on a background with the Yxy color 75.9057, 0.4273, 0.4689.



This preview shows how white text looks on a background with the Yxy color 75.9057, 0.4273, 0.4689.

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

75.9057, 0.4273, 0.4689

Protanopia

75.7176, 0.4266, 0.4694

Deuteranopia

76.0289, 0.3708, 0.3772



Tritanopia

75.9178, 0.3337, 0.3180

Trichromacy



Original Color

75.9057, 0.4273, 0.4689

Protanomaly

75.7176, 0.4266, 0.4694

Deuteranomaly

75.8129, 0.3960, 0.4165

Tritanomaly

75.3487, 0.3740, 0.3803

Monochromacy



Original Color

75.9057, 0.4273, 0.4689

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.6897, 0.3588, 0.3906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9057, 0.4273, 0.4689 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(254, 226, 70)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 70)  
}
```

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(254, 226, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 70) }
```

Border

The CSS property to change the border of an element to Yxy 75.9057, 0.4273, 0.4689 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(254, 226, 70) }
```

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

```
.border{ border-color:rgb(254, 226, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 70);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9057, 0.4273, 0.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 70) }
```

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

```
.background{ background-color: rgb(254,  
226, 70) }
```

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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