

Converting Colors

$Yxy(76.4774, 0.4193, 0.4743)$

Have a look what the booklet for
Yxy(76.4774, 0.4193, 0.4743)
contains.

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Color

Yxy(76.2677, 0.4196, 0.4740)

Conversions

Conversions Part 1

Format	Color
Hex	F7E547
RGB	247, 229, 71
RGB Percent	97%, 90%, 28%
CMY	0.0314, 0.1019, 0.7216
CMYK	0.00, 0.07, 0.71, 0.03
HSL	54°, 92%, 62%
HSV	54°, 71%, 97%
XYZ	67.5146, 76.2677, 17.1200
YIQ	216.3700, 61.4460, -45.3220

Conversions

Conversions Part 2

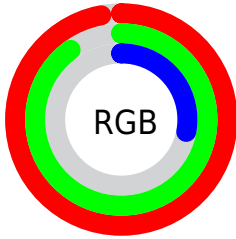
Format	Color
R_{YB}	91, 247, 71
Decimal	16246087
CIE _{Lab}	89.98, -10.70, 74.78
CIE _{LCh}	90, 75.545, 98.143
Yxy	76.2677, 0.4196, 0.4740
Android (android.graphics.Color)	4294436167 (0xFF7E547)
YUV	216.3700, -71.6674, 26.8625
Hunter-Lab	87.3314, -14.8342, 49.5091

Details

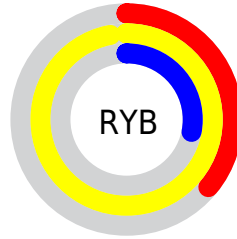
The Yxy color **76.2677, 0.4196, 0.4740** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light washed yellow. A complement of this color would be **15.1956, 0.1795, 0.1188**, and the grayscale version is **69.4033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3650, 0.3855, 0.4493**, and **40.8369, 0.4320, 0.4952** is the 20% darker color. If you saturate the color by 10%, you get **74.6286, 0.4288, 0.4835**, and if you desaturate by 10%, it is **78.0631, 0.4078, 0.4601**.

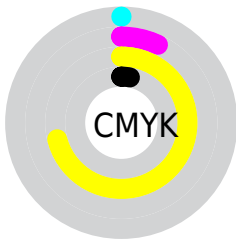
Distribution



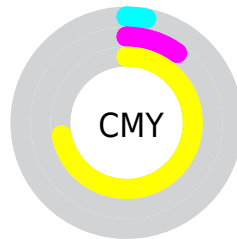
- Red (97%)
- Green (90%)
- Blue (28%)



- Red (36%)
- Yellow (97%)
- Blue (28%)



- Cyan (0%)
- Magenta (7%)
- Yellow (71%)
- Black (3%)




- Cyan (3%)
- Magenta (10%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2677, 0.4196, 0.4740 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 76.2677, 0.4196, 0.4740 by changing the saturation by 10% instead.

 76.2677, 0.4196,
0.4740


 76.2677, 0.4196,
0.4740


482.2636, 0.3766,
0.4117


 56.6520, 0.4269,
0.4859


 128.1052, 0.4066,
0.4541


 40.7259, 0.4346,
0.4993


 161.0959, 0.4009,
0.4458


 28.1050, 0.4420,
0.5138


 199.3137, 0.3958,
0.4384

 18.4048, 0.4481,
0.5290

 243.1431, 0.3912,
0.4319

 11.2410, 0.4534,
0.5466

 292.9683, 0.3870,
0.4260

 6.2292, 0.4459,
0.5541

349.1739, 0.3832,

 2.9849, 0.4341,

0.4208

0.5659

412.1442, 0.3798,
0.4160

■ 1.1239, 0.4126,
0.5874

■ 0.0000, 0.0000,
0.0000

■ 76.2677, 0.4196,
0.4740

■ 76.2677, 0.4196,
0.4740

■ 74.6286, 0.4288,
0.4835

■ 78.0631, 0.4078,
0.4601

■ 73.1183, 0.4352,
0.4885

■ 80.0180, 0.3938,
0.4425


■ 71.8839, 0.4389,
0.4897


■ 82.1482, 0.3784,
0.4222


■ 84.4646, 0.3623,
0.4000

 86.9773, 0.3459,
0.3771

 89.6953, 0.3299,
0.3541

 92.6273, 0.3146,
0.3318

 94.8751, 0.3080,
0.3234

 96.4486, 0.3079,
0.3258

Harmonies

Analogous

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



76.2677, 0.4754, 0.4181



76.2677, 0.4196, 0.4740



76.2677, 0.3401, 0.4944

Triad

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



76.2677, 0.4196, 0.4740



76.2677, 0.1656, 0.2646



76.2677, 0.3531, 0.2420

Complementary

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



76.2677, 0.4196, 0.4740



15.1956, 0.1795, 0.1188

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.



76.2677, 0.2648, 0.2081



76.2677, 0.4196, 0.4740



76.2677, 0.1682, 0.2141

Square

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



76.2677, 0.4196, 0.4740



76.2677, 0.1952, 0.3512



76.2677, 0.2011, 0.1974



76.2677, 0.4397, 0.2936

Rectangle

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



76.2677, 0.4196, 0.4740



76.2677, 0.2842, 0.4708



76.2677, 0.2011, 0.1974



76.2677, 0.3220, 0.2284

Sweetspot

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



76.2713, 0.4196, 0.4740



93.5747, 0.3455, 0.3765



25.0431, 0.5304, 0.3124



19.8640, 0.3500, 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.



76.2713, 0.4196, 0.4740



79.4252, 0.4323, 0.4865



76.6244, 0.3596, 0.5188



19.0070, 0.3271, 0.3500



38.1386, 0.4385, 0.4900



3.4339, 0.4358, 0.4922

Inverse Universe

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



15.1956, 0.1795, 0.1188



10.6280, 0.1604, 0.0840



16.6620, 0.2178, 0.1226



16.1992, 0.2979, 0.3070



4.0184, 0.1520, 0.0670



0.4423, 0.1560, 0.0816

Previews

White Background



This preview shows how the Yxy color 76.2677, 0.4196, 0.4740 looks on a white background.

Color Contrast Check

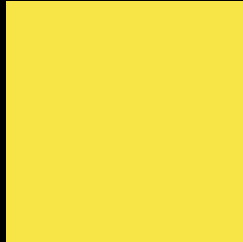
Large Text (above 18pt) WCAG AA × Fail

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 76.2677, 0.4196, 0.4740 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 76.2677, 0.4196, 0.4740

Background



This preview shows how black text looks on a background with the Yxy color 76.2677, 0.4196, 0.4740.



This preview shows how white text looks on a background with the Yxy color 76.2677, 0.4196, 0.4740.

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

76.2677, 0.4196, 0.4740

Protanopia

76.4512, 0.4266, 0.4696

Deuteranopia

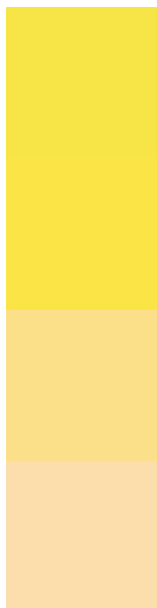
76.0680, 0.3701, 0.3762



Tritanopia

76.0849, 0.3316, 0.3151

Trichromacy



Original Color

76.2677, 0.4196, 0.4740

Protanomaly

76.4382, 0.4237, 0.4718

Deuteranomaly

75.8129, 0.3926, 0.4173

Tritanomaly

75.3869, 0.3699, 0.3797

Monochromacy



Original Color

76.2677, 0.4196, 0.4740

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.6881, 0.3569, 0.3933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2677, 0.4196, 0.4740 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, 229, 71)` looks like.

```
.text, #text, p{  
    color:rgb(247, 229, 71)  
}
```

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, 229, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 229, 71) }
```

Border

The CSS property to change the border of an element to Yxy 76.2677, 0.4196, 0.4740 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, 229, 71) }
```

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

```
.border{ border-color:rgb(247, 229, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 229, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 229, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 229, 71);  
box-shadow:4px 4px 4px 4px rgb(247, 229,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2677, 0.4196, 0.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 229, 71) }
```

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

```
.background{ background-color: rgb(247,  
229, 71) }
```

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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