

Converting Colors

$Y_{xy}(79.2656, 0.4131, 0.4851)$

Have a look what the booklet for
Yxy(79.2656, 0.4131, 0.4851)
contains.

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Color

Yxy(79.2383, 0.4134, 0.4850)

Conversions

Conversions Part 1

Format	Color
Hex	F2EC40
RGB	242, 236, 64
RGB Percent	95%, 93%, 25%
CMY	0.0510, 0.0745, 0.7486
CMYK	0.00, 0.02, 0.74, 0.05
HSL	58°, 87%, 60%
HSV	58°, 74%, 95%
XYZ	67.5404, 79.2383, 16.5992
YIQ	218.1860, 58.7880, -52.2200

Conversions

Conversions Part 2

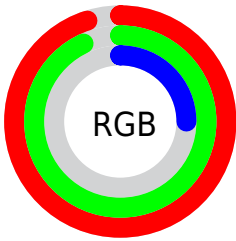
Format	Color
RYB	70, 242, 64
Decimal	15920192
CIELab	91.34, -16.50, 78.23
CIELCh	91, 79.952, 101.909
Yxy	79.2383, 0.4134, 0.4850
Android (android.graphics.Color)	4294110272 (0xFFFF2EC40)
YUV	218.1860, -76.0137, 20.8849
Hunter-Lab	89.0159, -20.3417, 51.2551

Details

The Yxy color **79.2383, 0.4134, 0.4850** 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 **11.8958, 0.1732, 0.1013**, and the grayscale version is **70.7598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2352, 0.3879, 0.4533**, and **42.5876, 0.4212, 0.5037** is the 20% darker color. If you saturate the color by 10%, you get **78.5549, 0.4200, 0.4942**, and if you desaturate by 10%, it is **80.0507, 0.4041, 0.4714**.

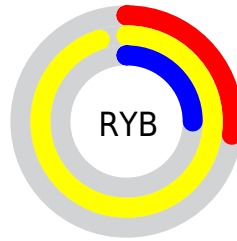
Distribution



Red (95%)

Green (93%)

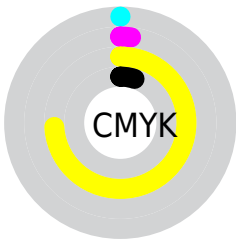
Blue (25%)



Red (27%)

Yellow (95%)

Blue (25%)

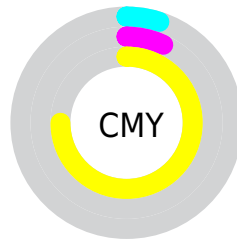


Cyan (0%)

Magenta (2%)

Yellow (74%)

Black (5%)



Cyan (5%)


Magenta (7%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2383, 0.4134, 0.4850 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 79.2383, 0.4134, 0.4850 by changing the saturation by 10% instead.


 79.2383, 0.4134,
0.4850

 79.2383, 0.4134,
0.4850

492.3621, 0.3744,
0.4178


 59.0918, 0.4196,
0.4979


 132.2943, 0.4020,
0.4635


 42.6870, 0.4257,
0.5124


 165.9725, 0.3969,
0.4545


 29.6396, 0.4312,
0.5282


 204.9301, 0.3922,
0.4466

 19.5652, 0.4348,
0.5452

 249.5514, 0.3880,
0.4395

 12.0794, 0.4358,
0.5642

 300.2209, 0.3841,
0.4332

 6.7978, 0.4246,
0.5754

357.3229, 0.3806,

 3.3359, 0.4073,

0.4275

0.5927

421.2419, 0.3774,
0.4224

■ 1.3095, 0.3765,
0.6235

■ 0.1486, 0.0000,
1.0000

■ 79.2383, 0.4134,
0.4850

■ 79.2383, 0.4134,
0.4850

■ 78.5549, 0.4200,
0.4942

■ 80.0507, 0.4041,
0.4714


■ 77.9727, 0.4239,
0.4990


■ 80.9948, 0.3925,
0.4539


■ 77.6349, 0.4254,
0.5004


■ 82.0861, 0.3789,
0.4331

■ 83.3351, 0.3641,
0.4102

 84.7515, 0.3487,
0.3859

 86.3440, 0.3331,
0.3614

 88.1209, 0.3179,
0.3373

 89.9147, 0.3050,
0.3167

 90.4024, 0.3049,
0.3175

Harmonies

Analogous

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



79.2383, 0.4762, 0.4283



79.2383, 0.4134, 0.4850



79.2383, 0.3293, 0.5005

Triad

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



79.2383, 0.4134, 0.4850



79.2383, 0.1589, 0.2526



79.2383, 0.3669, 0.2446

Complementary

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



79.2383, 0.4134, 0.4850



11.8958, 0.1732, 0.1013

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.



79.2383, 0.2730, 0.2070



79.2383, 0.4134, 0.4850



79.2383, 0.1657, 0.2057

Square

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



79.2383, 0.4134, 0.4850



79.2383, 0.1847, 0.3387



79.2383, 0.2034, 0.1926



79.2383, 0.4545, 0.2993

Rectangle

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



79.2383, 0.4134, 0.4850



79.2383, 0.2718, 0.4697



79.2383, 0.2034, 0.1926



79.2383, 0.3342, 0.2298

Sweetspot

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



79.2420, 0.4134, 0.4850



95.6992, 0.3464, 0.3824



23.0358, 0.5558, 0.3228



20.3849, 0.3507, 0.3891



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.



79.2420, 0.4134, 0.4850



88.1488, 0.4222, 0.4970



71.5494, 0.3516, 0.5289



18.3623, 0.3269, 0.3516



41.7498, 0.4253, 0.5005



3.5016, 0.4244, 0.5012

Inverse Universe

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



11.8958, 0.1732, 0.1013



8.9015, 0.1563, 0.0721



16.0319, 0.2244, 0.1224



15.3140, 0.2979, 0.3054



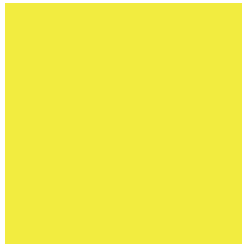
3.5782, 0.1506, 0.0621



0.3275, 0.1521, 0.0676

Previews

White Background



This preview shows how the Yxy color 79.2383, 0.4134, 0.4850 looks on a white background.

Color Contrast Check

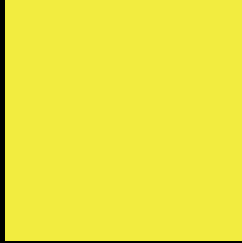
Large Text (above 18pt) WCAG AA × Fail

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 79.2383, 0.4134, 0.4850 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 79.2383, 0.4134, 0.4850

Background



This preview shows how black text looks on a background with the Yxy color 79.2383, 0.4134, 0.4850.



This preview shows how white text looks on a background with the Yxy color 79.2383, 0.4134, 0.4850.

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

79.2383, 0.4134, 0.4850

Protanopia

78.8329, 0.4112, 0.4503

Deuteranopia

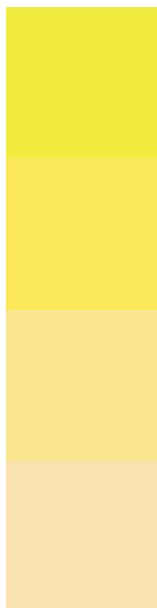
79.2406, 0.3602, 0.3688



Tritanopia

79.0873, 0.3262, 0.3132

Trichromacy



Original Color

79.2383, 0.4134, 0.4850

Protanomaly

78.7585, 0.4127, 0.4638

Deuteranomaly

78.8706, 0.3852, 0.4185

Tritanomaly

77.7727, 0.3655, 0.3828

Monochromacy



Original Color

79.2383, 0.4134, 0.4850

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

72.7900, 0.3564, 0.3984

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2383, 0.4134, 0.4850 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(242, 236, 64)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 64)  
}
```

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(242, 236, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 64) }
```

Border

The CSS property to change the border of an element to Yxy 79.2383, 0.4134, 0.4850 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(242, 236, 64) }
```

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

```
.border{ border-color:rgb(242, 236, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 64);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2383, 0.4134, 0.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 236, 64) }
```

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

```
.background{ background-color: rgb(242,  
236, 64) }
```

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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