

Converting Colors

$Yxy(79.8026, 0.3980, 0.4624)$

Have a look what the booklet for
Yxy(79.8026, 0.3980, 0.4624)
contains.

Yxy(79.6313, 0.3982, 0.4621)	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(79.6313, 0.3982, 0.4621)

Conversions

Conversions Part 1

Format	Color
Hex	F1EC65
RGB	241, 236, 101
RGB Percent	95%, 93%, 40%
CMY	0.0549, 0.0745, 0.6038
CMYK	0.00, 0.02, 0.58, 0.05
HSL	58°, 83%, 67%
HSV	58°, 58%, 95%
XYZ	68.6197, 79.6313, 24.0738
YIQ	222.1050, 46.3150, -40.9250

Conversions

Conversions Part 2

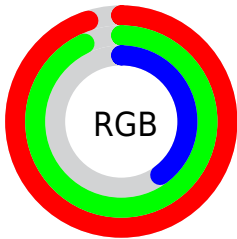
Format	Color
R _Y B	106, 241, 101
Decimal	15854693
CIE Lab	91.52, -14.90, 64.44
CIE LCh	92, 66.141, 103.018
Yxy	79.6313, 0.3982, 0.4621
Android (android.graphics.Color)	4294044773 (0xFFFF1EC65)
YUV	222.1050, -59.7048, 16.5709
Hunter-Lab	89.2364, -18.9032, 46.4705

Details

The Yxy color **79.6313, 0.3982, 0.4621** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **19.4318, 0.2009, 0.1479**, and the grayscale version is **73.5344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1803, 0.3712, 0.4256**, and **42.7694, 0.4118, 0.4884** is the 20% darker color. If you saturate the color by 10%, you get **78.7364, 0.4089, 0.4779**, and if you desaturate by 10%, it is **80.6744, 0.3854, 0.4427**.

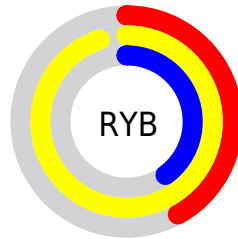
Distribution



Red (95%)

Green (93%)

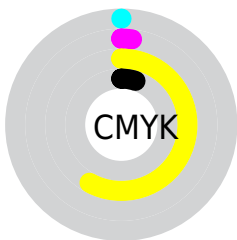
Blue (40%)



Red (42%)

Yellow (95%)

Blue (40%)

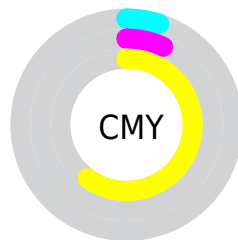


Cyan (0%)

Magenta (2%)

Yellow (58%)

Black (5%)



Cyan (5%)


Magenta (7%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6313, 0.3982, 0.4621 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 79.6313, 0.3982, 0.4621 by changing the saturation by 10% instead.

 79.6313, 0.3982,
0.4621

 79.6313, 0.3982,
0.4621


493.6894, 0.3632,
0.4029

 59.4150, 0.4046,
0.4743

 132.8472, 0.3873,
0.4425

 42.9473, 0.4114,
0.4885


 166.6157, 0.3827,
0.4346

 29.8438, 0.4186,
0.5050


 205.6702, 0.3786,
0.4276

 19.7200, 0.4253,
0.5239

 250.3954, 0.3748,
0.4215

 12.1917, 0.4312,
0.5464

301.1755, 0.3715,
0.4161

 6.8744, 0.4311,
0.5689

358.3949, 0.3685,

 3.3837, 0.4156,

0.4112

0.5844

422.4381, 0.3657,
0.4069

■ 1.3352, 0.3885,
0.6115

■ 0.1682, 0.0000,
1.0000

■ 79.6313, 0.3982,
0.4621

■ 79.6313, 0.3982,
0.4621

■ 78.7364, 0.4089,
0.4779

■ 80.6744, 0.3854,
0.4427

■ 77.9662, 0.4170,
0.4895

■ 81.8657, 0.3711,
0.4207

■ 77.3096, 0.4224,
0.4966


■ 83.2187, 0.3558,
0.3969


■ 76.7462, 0.4253,
0.4998

■ 84.7425, 0.3402,
0.3725

 76.6427, 0.4258,
0.5001

 86.4455, 0.3248,
0.3481

 88.3353, 0.3099,
0.3245

 89.4341, 0.3043,
0.3162

 89.9464, 0.3043,
0.3170

 90.4611, 0.3043,
0.3179

Harmonies

Analogous

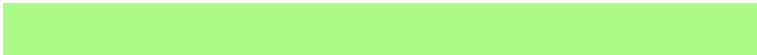
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6313, 0.4503, 0.4192



79.6313, 0.3982, 0.4621



79.6313, 0.3268, 0.4676

Triad

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



79.6313, 0.3982, 0.4621



79.6313, 0.1809, 0.2648



79.6313, 0.3613, 0.2590

Complementary

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



79.6313, 0.3982, 0.4621



19.4318, 0.2009, 0.1479

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.



79.6313, 0.2830, 0.2253



79.6313, 0.3982, 0.4621



79.6313, 0.1874, 0.2240

Square

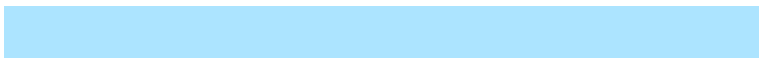
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6313, 0.3982, 0.4621



79.6313, 0.2036, 0.3356



79.6313, 0.2219, 0.2123



79.6313, 0.4320, 0.3076

Rectangle

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



79.6313, 0.3982, 0.4621



79.6313, 0.2780, 0.4399



79.6313, 0.2219, 0.2123



79.6313, 0.3345, 0.2458

Sweetspot

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



79.6350, 0.3982, 0.4621



96.5344, 0.3386, 0.3700



29.0973, 0.4835, 0.3224



20.5833, 0.3418, 0.3749



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.



79.6350, 0.3982, 0.4621



89.3184, 0.4108, 0.4807



73.3134, 0.3496, 0.4914



18.3568, 0.3269, 0.3515



41.6087, 0.4257, 0.5002



3.4914, 0.4248, 0.5009

Inverse Universe

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



19.4318, 0.2009, 0.1479



14.9420, 0.1785, 0.1104



23.5590, 0.2467, 0.1622



15.3189, 0.2979, 0.3054



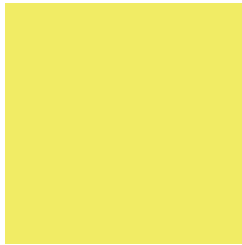
3.5859, 0.1506, 0.0622



0.3299, 0.1523, 0.0681

Previews

White Background



This preview shows how the Yxy color 79.6313, 0.3982, 0.4621 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 79.6313, 0.3982, 0.4621 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 79.6313, 0.3982, 0.4621

Background



This preview shows how black text looks on a background with the Yxy color 79.6313, 0.3982, 0.4621.

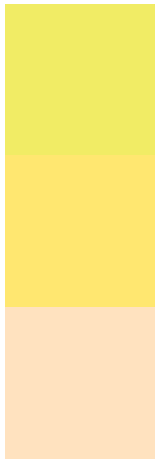


This preview shows how white text looks on a background with the Yxy color 79.6313, 0.3982, 0.4621.

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

79.6313, 0.3982, 0.4621

Protanopia

79.5817, 0.4060, 0.4441

Deuteranopia

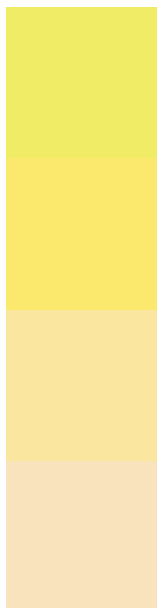
79.4143, 0.3574, 0.3647



Tritanopia

79.5454, 0.3241, 0.3122

Trichromacy



Original Color

79.6313, 0.3982, 0.4621

Protanomaly

79.6845, 0.4032, 0.4508

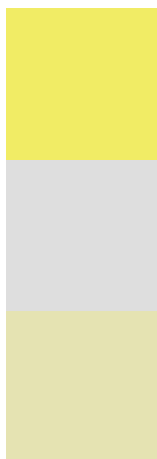
Deuteranomaly

79.3862, 0.3750, 0.4029

Tritanomaly

78.7520, 0.3541, 0.3683

Monochromacy



Original Color

79.6313, 0.3982, 0.4621

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.8105, 0.3467, 0.3824

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6313, 0.3982, 0.4621 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(241, 236, 101)` looks like.

```
.text, #text, p{  
    color:rgb(241, 236, 101)  
}
```

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(241, 236, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 236, 101) }
```

Border

The CSS property to change the border of an element to Yxy 79.6313, 0.3982, 0.4621 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(241, 236, 101) }
```

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

```
.border{ border-color:rgb(241, 236, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 236, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 236, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 236, 101);  
box-shadow:4px 4px 4px 4px rgb(241, 236,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6313, 0.3982, 0.4621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 236, 101) }
```

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

```
.background{ background-color: rgb(241,  
236, 101) }
```

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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