

Converting Colors

Yxy(81.1684, 0.4042, 0.5173)

Have a look what the booklet for
Yxy(81.1684, 0.4042, 0.5173)
contains.

Yxy(81.1521, 0.4041, 0.5173)	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(81.1521, 0.4041, 0.5173)

Conversions

Conversions Part 1

Format	Color
Hex	E0F500
RGB	224, 245, 0
RGB Percent	88%, 96%, 0%
CMY	0.1216, 0.0392, 0.9988
CMYK	0.09, 0.00, 1.00, 0.04
HSL	65°, 100%, 48%
HSV	65°, 100%, 96%
XYZ	63.3937, 81.1521, 12.3305
YIQ	210.7910, 66.1290, -80.6470

Conversions

Conversions Part 2

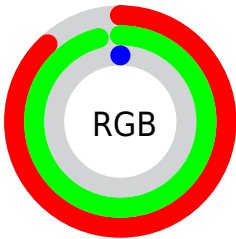
Format	Color
RYB	0, 245, 21
Decimal	14742784
CIELab	92.20, -29.52, 89.79
CIELCh	92, 94.517, 108.199
Yxy	81.1521, 0.4041, 0.5173
Android (android.graphics.Color)	4292932864 (0xFFE0F500)
YUV	210.7910, -103.9200, 11.5843
Hunter-Lab	90.0845, -32.0348, 54.9437

Details

The Yxy color **81.1521, 0.4041, 0.5173** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light saturated yellow. A complement of this color would be **6.7625, 0.1522, 0.0613**, and the grayscale version is **65.6883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5703, 0.4013, 0.4755**, and **44.2877, 0.3962, 0.5236** is the 20% darker color. If you saturate the color by 10%, you get **81.1510, 0.4041, 0.5173**, and if you desaturate by 10%, it is **81.5627, 0.4038, 0.5128**.

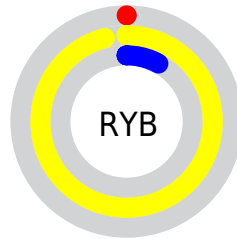
Distribution



Red (88%)

Green (96%)

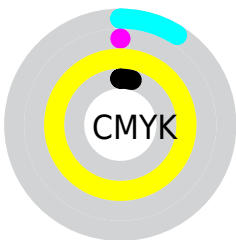
Blue (0%)



Red (0%)

Yellow (96%)

Blue (8%)

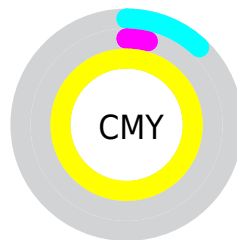


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (12%)


Magenta (4%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.1521, 0.4041, 0.5173 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 81.1521, 0.4041, 0.5173 by changing the saturation by 10% instead.

 81.1521, 0.4041,
0.5173


 81.1521, 0.4041,
0.5173


498.8071, 0.3732,
0.4364

 60.6669, 0.4074,
0.5325


 134.9843, 0.3963,
0.4916


 43.9564, 0.4096,
0.5493


 169.1001, 0.3924,
0.4809


 30.6362, 0.4096,
0.5674


 208.5282, 0.3887,
0.4713

 20.3220, 0.4088,
0.5908

 253.6530, 0.3852,
0.4628

 12.6293, 0.3950,
0.6050

 304.8589, 0.3818,
0.4551

 7.1738, 0.3751,
0.6249


 362.5302, 0.3788,

 3.5710, 0.3444,


0.4482


0.6556


427.0515, 0.3759,
0.4420

 1.4366, 0.2816,
0.7184


 0.2435, 0.0000,
1.0000


 81.1521, 0.4041,
0.5173

 81.1521, 0.4041,
0.5173


 81.1510, 0.4041,
0.5173


 81.5627, 0.4038,
0.5128


 82.0601, 0.4013,
0.5044


 82.6741, 0.3961,
0.4916

 83.4207, 0.3883,
0.4744

 84.3132, 0.3783,
0.4536

 85.3635, 0.3665,
0.4301

 86.5819, 0.3535,
0.4049

 87.9780, 0.3398,
0.3791

 89.5607, 0.3261,
0.3535

Harmonies

Analogous

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



81.1521, 0.4851, 0.4519



81.1521, 0.4041, 0.5173



81.1521, 0.3064, 0.5269

Triad

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



81.1521, 0.4041, 0.5173



81.1521, 0.1378, 0.2241



81.1521, 0.3990, 0.2439

Complementary

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



81.1521, 0.4041, 0.5173



6.7625, 0.1522, 0.0613

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.



81.1521, 0.2867, 0.1978



81.1521, 0.4041, 0.5173



81.1521, 0.1527, 0.1824

Square

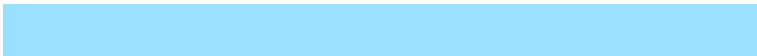
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.1521, 0.4041, 0.5173



81.1521, 0.1568, 0.3133



81.1521, 0.2011, 0.1760



81.1521, 0.4942, 0.3066

Rectangle

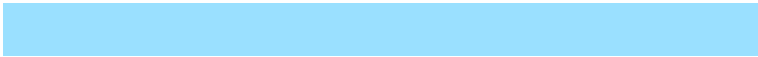
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.1521, 0.4041, 0.5173



81.1521, 0.2432, 0.4782



81.1521, 0.2011, 0.1760



81.1521, 0.3606, 0.2262

Sweetspot

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



81.1558, 0.4041, 0.5173



94.7900, 0.3537, 0.4054



19.9395, 0.6350, 0.3339



20.1637, 0.3593, 0.4162



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.



81.1558, 0.4041, 0.5173



88.8618, 0.4041, 0.5174



68.1492, 0.3249, 0.5802



19.2370, 0.3255, 0.3525



43.7459, 0.4043, 0.5171



3.8657, 0.4063, 0.5156

Inverse Universe

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



6.7625, 0.1522, 0.0613



7.3894, 0.1521, 0.0612



12.4435, 0.2181, 0.0975



15.9947, 0.2992, 0.3046



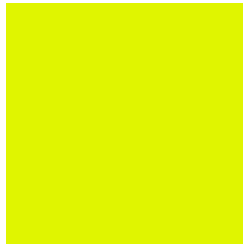
3.6616, 0.1528, 0.0615



0.3446, 0.1591, 0.0650

Previews

White Background



This preview shows how the Yxy color 81.1521, 0.4041, 0.5173 looks on a white background.

Color Contrast Check

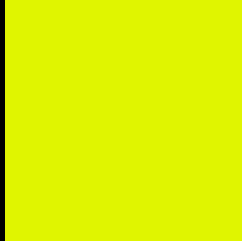
Large Text (above 18pt) WCAG AA × Fail

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 81.1521, 0.4041, 0.5173 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 81.1521, 0.4041, 0.5173

Background



This preview shows how black text looks on a background with the Yxy color 81.1521, 0.4041, 0.5173.



This preview shows how white text looks on a background with the Yxy color 81.1521, 0.4041, 0.5173.

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

81.1521, 0.4041, 0.5173

Protanopia

80.9679, 0.3989, 0.4367

Deuteranopia

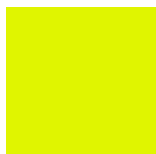
80.5971, 0.3556, 0.3646



Tritanopia

81.0179, 0.3108, 0.3109

Trichromacy



Original Color

81.1521, 0.4041, 0.5173



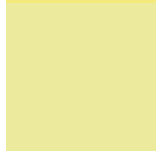
Protanomaly

80.3515, 0.4095, 0.4771



Deuteranomaly

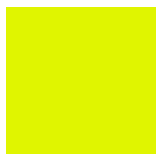
79.5088, 0.3902, 0.4412



Tritanomaly

78.9421, 0.3631, 0.4108

Monochromacy



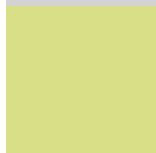
Original Color

81.1521, 0.4041, 0.5173



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

69.0955, 0.3668, 0.4295

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.1521, 0.4041, 0.5173 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(224, 245, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 245, 0)  
}
```

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(224, 245, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 245, 0) }
```

Border

The CSS property to change the border of an element to Yxy 81.1521, 0.4041, 0.5173 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(224, 245, 0) }
```

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

```
.border{ border-color:rgb(224, 245, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 245, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 245, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 245, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 245,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 81.1521, 0.4041, 0.5173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 245, 0) }
```

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

```
.background{ background-color: rgb(224,  
245, 0) }
```

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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