

Converting Colors

Yxy(81.1599, 0.3609, 0.4533)

Have a look what the booklet for
Yxy(81.1599, 0.3609, 0.4533)
contains.

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Color

Yxy(81.3636, 0.3605, 0.4533)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D7F582 |
| RGB | 215, 245, 130 |
| RGB Percent | 84%, 96%, 51% |
| CMY | 0.1569, 0.0392, 0.4901 |
| CMYK | 0.12, 0.00, 0.47, 0.04 |
| HSL | 76°, 85%, 74% |
| HSV | 76°, 47%, 96% |
| XYZ | 64.7068, 81.3636, 33.4214 |
| YIQ | 222.9200, 19.0350, -42.1250 |

Conversions

Conversions Part 2

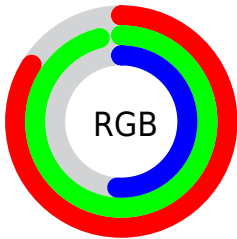
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 130, 245, 160 |
| Decimal | 14153090 |
| CIELab | 92.29, -26.93, 51.80 |
| CIELCh | 92, 58.382, 117.468 |
| Yxy | 81.3636, 0.3605, 0.4533 |
| Android (android.graphics.Color) | 4292343170 (0xFFD7F582) |
| YUV | 222.9200, -45.8096, -6.9458 |
| Hunter-Lab | 90.2018, -29.8051, 41.1732 |

Details

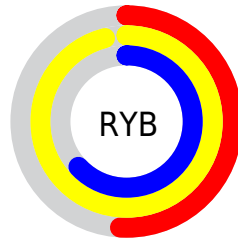
The Yxy color **81.3636, 0.3605, 0.4533** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **30.0420, 0.2449, 0.1888**, and the grayscale version is **74.0569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **44.2001, 0.3672, 0.4824** is the 20% darker color. If you saturate the color by 10%, you get **79.8364, 0.3679, 0.4783**, and if you desaturate by 10%, it is **83.0925, 0.3515, 0.4266**.

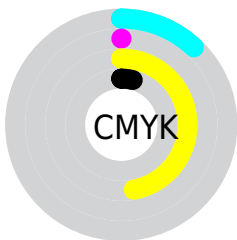
Distribution



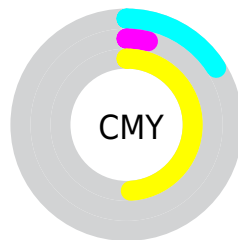
- Red (84%)
- Green (96%)
- Blue (51%)



- Red (51%)
- Yellow (96%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (47%)
- Black (4%)





- Cyan (16%)
- Magenta (4%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3636, 0.3605, 0.4533 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 81.3636, 0.3605, 0.4533 by changing the saturation by 10% instead.

 81.3636, 0.3605,
0.4533

 81.3636, 0.3605,
0.4533

499.5165, 0.3415,
0.3955

 60.8411, 0.3639,
0.4662


 135.2812, 0.3546,
0.4334

 44.0969, 0.3675,
0.4819


 169.4451, 0.3521,
0.4256

 30.7467, 0.3712,
0.5011


 208.9249, 0.3499,
0.4189

 20.4061, 0.3743,
0.5252

254.1050, 0.3479,
0.4130

 12.6906, 0.3757,
0.5554

305.3698, 0.3460,
0.4078

 7.2158, 0.3768,
0.6007

363.1037, 0.3444,

 3.5974, 0.3578,

0.4032

0.6422

427.6912, 0.3429,
0.3991

1.4510, 0.3048,
0.6952

0.2539, 0.0000,
1.0000

81.3636, 0.3605,
0.4533

81.3636, 0.3605,
0.4533

79.8364, 0.3679,
0.4783

83.0925, 0.3515,
0.4266

78.4883, 0.3732,
0.5003


85.0229, 0.3414,
0.3992

77.3098, 0.3760,
0.5182


87.1681, 0.3308,
0.3722


76.2853, 0.3762,
0.5315


89.5371, 0.3201,
0.3461

 75.3952, 0.3740,
0.5399

 92.1384, 0.3095,
0.3217

 75.1395, 0.3731,
0.5420

 93.4789, 0.3121,
0.3194

 93.7881, 0.3132,
0.3194

Harmonies

Analogous

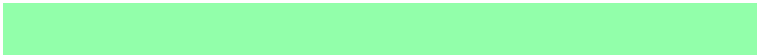
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3636, 0.4165, 0.4310



81.3636, 0.3605, 0.4533



81.3636, 0.2949, 0.4334

Triad

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



81.3636, 0.3605, 0.4533



81.3636, 0.1944, 0.2520



81.3636, 0.3880, 0.2867

Complementary

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



81.3636, 0.3605, 0.4533



30.0420, 0.2449, 0.1888

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.



81.3636, 0.3194, 0.2488



81.3636, 0.3605, 0.4533



81.3636, 0.2127, 0.2275

Square

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



81.3636, 0.3605, 0.4533



81.3636, 0.2024, 0.3031



81.3636, 0.2559, 0.2276



81.3636, 0.4365, 0.3349

Rectangle

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



81.3636, 0.3605, 0.4533



81.3636, 0.2547, 0.3960



81.3636, 0.2559, 0.2276



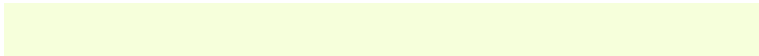
81.3636, 0.3660, 0.2726

Sweetspot

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



81.3672, 0.3605, 0.4533



96.1858, 0.3277, 0.3645



45.7433, 0.4259, 0.3605



20.4713, 0.3300, 0.3702



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.



81.3672, 0.3605, 0.4533



87.5584, 0.3674, 0.4763



74.2680, 0.3224, 0.4701



19.0833, 0.3228, 0.3527



40.5476, 0.3738, 0.5414



3.6131, 0.3798, 0.5367

Inverse Universe

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



30.0420, 0.2449, 0.1888



25.2862, 0.2283, 0.1588



37.2037, 0.2923, 0.2057



16.1358, 0.3020, 0.3048



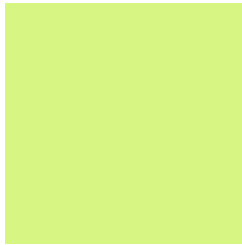
4.1942, 0.1656, 0.0686



0.4163, 0.1781, 0.0755

Previews

White Background



This preview shows how the Yxy color 81.3636, 0.3605, 0.4533 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 81.3636, 0.3605, 0.4533 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 81.3636, 0.3605, 0.4533

Background



This preview shows how black text looks on a background with the Yxy color 81.3636, 0.3605, 0.4533.

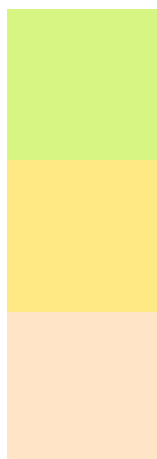


This preview shows how white text looks on a background with the Yxy color 81.3636, 0.3605, 0.4533.

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

81.3636, 0.3605, 0.4533

Protanopia

81.2038, 0.3937, 0.4289

Deuteranopia

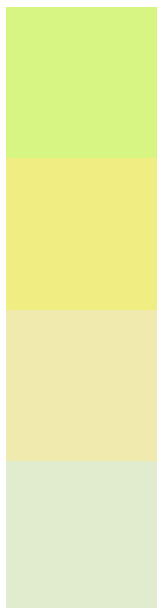
80.8703, 0.3514, 0.3584



Tritanopia

80.8769, 0.3003, 0.3096

Trichromacy



Original Color

81.3636, 0.3605, 0.4533

Protanomaly

80.7323, 0.3813, 0.4378

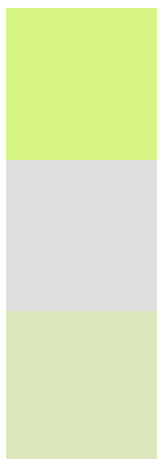
Deuteranomaly

80.4269, 0.3558, 0.3920

Tritanomaly

80.4547, 0.3241, 0.3612

Monochromacy



Original Color

81.3636, 0.3605, 0.4533

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

76.0416, 0.3321, 0.3753

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3636, 0.3605, 0.4533 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(215, 245, 130)` looks like.

```
.text, #text, p{  
    color:rgb(215, 245, 130)  
}
```

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(215, 245, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 245, 130) }
```

Border

The CSS property to change the border of an element to Yxy 81.3636, 0.3605, 0.4533 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(215, 245, 130) }
```

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

```
.border{ border-color:rgb(215, 245, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 245, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 245, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 245, 130);  
box-shadow:4px 4px 4px 4px rgb(215, 245,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3636, 0.3605, 0.4533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 245, 130) }
```

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

```
.background{ background-color: rgb(215,  
245, 130) }
```

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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