

Converting Colors

Yxy(80.1030, 0.3386, 0.4555)

Have a look what the booklet for
Yxy(80.1030, 0.3386, 0.4555)
contains.

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Color

Yxy(79.9169, 0.3381, 0.4550)

Conversions

Conversions Part 1

Format	Color
Hex	BEF88A
RGB	190, 248, 138
RGB Percent	75%, 97%, 54%
CMY	0.2550, 0.0274, 0.4588
CMYK	0.23, 0.00, 0.44, 0.03
HSL	92°, 89%, 76%
HSV	92°, 44%, 97%
XYZ	59.3844, 79.9169, 36.3402
YIQ	218.1180, 0.7420, -46.5060

Conversions

Conversions Part 2

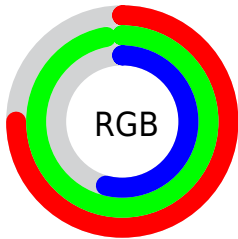
Format	Color
RYB	138, 248, 196
Decimal	12515466
CIELab	91.65, -36.55, 46.87
CIElCh	92, 59.437, 127.950
Yxy	79.9169, 0.3381, 0.4550
Android (android.graphics.Color)	4290705546 (0xFFBEF88A)
YUV	218.1180, -39.4982, -24.6595
Hunter-Lab	89.3963, -37.8689, 38.4756

Details

The Yxy color **79.9169, 0.3381, 0.4550** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.6975, 0.2729, 0.2052**, and the grayscale version is **70.4721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3267, 0.3449, 0.3909**, and **42.9858, 0.3405, 0.4863** is the 20% darker color. If you saturate the color by 10%, you get **77.6724, 0.3414, 0.4850**, and if you desaturate by 10%, it is **82.4836, 0.3335, 0.4244**.

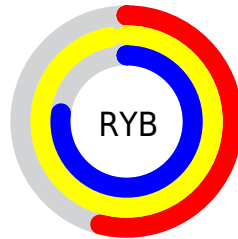
Distribution



Red (75%)

Green (97%)

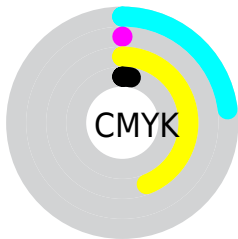
Blue (54%)



Red (54%)

Yellow (97%)

Blue (77%)

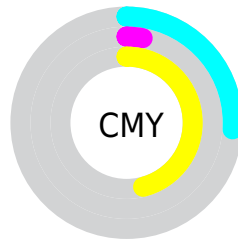


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (3%)



Cyan (26%)


Magenta (3%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.9169, 0.3381, 0.4550 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 79.9169, 0.3381, 0.4550 by changing the saturation by 10% instead.


 79.9169, 0.3381,
0.4550


 79.9169, 0.3381,
0.4550


494.6527, 0.3291,
0.3950

 59.6500, 0.3393,
0.4689

 133.2489, 0.3356,
0.4340

 43.1366, 0.3404,
0.4859


 167.0827, 0.3345,
0.4259

 29.9923, 0.3409,
0.5074


 206.2077, 0.3334,
0.4189

 19.8327, 0.3403,
0.5350

251.0081, 0.3324,
0.4128

 12.2735, 0.3369,
0.5713

301.8685, 0.3315,
0.4075

 6.9302, 0.3288,
0.6228

359.1731, 0.3306,


 3.4185, 0.3065,


0.4028


0.6935

423.3064, 0.3299,
0.3987


 1.3539, 0.1975,
0.8025

 0.1824, 0.0000,
1.0000


 79.9169, 0.3381,
0.4550


 79.9169, 0.3381,
0.4550


 77.6724, 0.3414,
0.4850

 82.4836, 0.3335,
0.4244


 75.7245, 0.3429,
0.5130

 85.3762, 0.3279,
0.3945

 74.0596, 0.3424,
0.5372

 88.6112, 0.3218,
0.3661

 72.6588, 0.3396,
0.5563

 92.2010, 0.3155,
0.3398

■ 71.4994, 0.3349,
0.5695

■ 95.6220, 0.3130,
0.3223

■ 70.9349, 0.3317,
0.5748

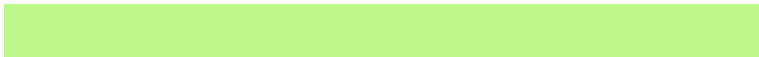
Harmonies

Analogous

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



79.9169, 0.4008, 0.4449



79.9169, 0.3381, 0.4550



79.9169, 0.2720, 0.4181

Triad

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



79.9169, 0.3381, 0.4550



79.9169, 0.1955, 0.2384



79.9169, 0.4108, 0.3021

Complementary

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



79.9169, 0.3381, 0.4550



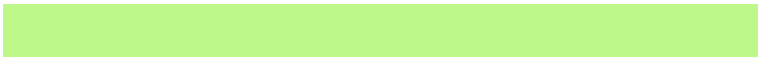
36.6975, 0.2729, 0.2052

Split Complementary

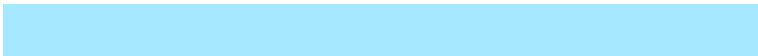
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9169, 0.3446, 0.2590



79.9169, 0.3381, 0.4550



79.9169, 0.2231, 0.2227

Square

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



79.9169, 0.3381, 0.4550



79.9169, 0.1941, 0.2811



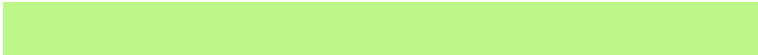
79.9169, 0.2754, 0.2308



79.9169, 0.4479, 0.3530

Rectangle

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



79.9169, 0.3381, 0.4550



79.9169, 0.2350, 0.3729



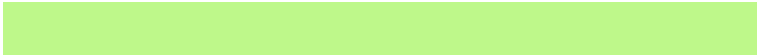
79.9169, 0.2754, 0.2308



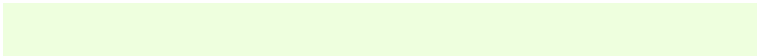
79.9169, 0.3908, 0.2865

Sweetspot

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



79.9204, 0.3381, 0.4550



94.8783, 0.3210, 0.3624



60.7525, 0.4025, 0.3894



20.1356, 0.3223, 0.3685



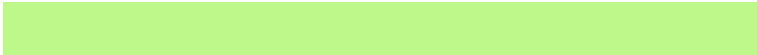
0.0000, 0.0000, 0.0000



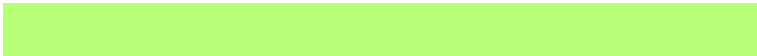
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9204, 0.3381, 0.4550



83.0250, 0.3411, 0.4813



74.4342, 0.3053, 0.4659



19.7112, 0.3187, 0.3530



38.3970, 0.3328, 0.5739



3.6188, 0.3419, 0.5667

Inverse Universe

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



36.6975, 0.2729, 0.2052



31.7135, 0.2625, 0.1799



44.8011, 0.3194, 0.2220



17.0937, 0.3062, 0.3051



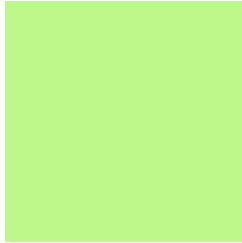
6.3454, 0.2077, 0.0918



0.6508, 0.2202, 0.0987

Previews

White Background



This preview shows how the Yxy color 79.9169, 0.3381, 0.4550 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 79.9169, 0.3381, 0.4550 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 79.9169, 0.3381, 0.4550

Background



This preview shows how black text looks on a background with the Yxy color 79.9169, 0.3381, 0.4550.

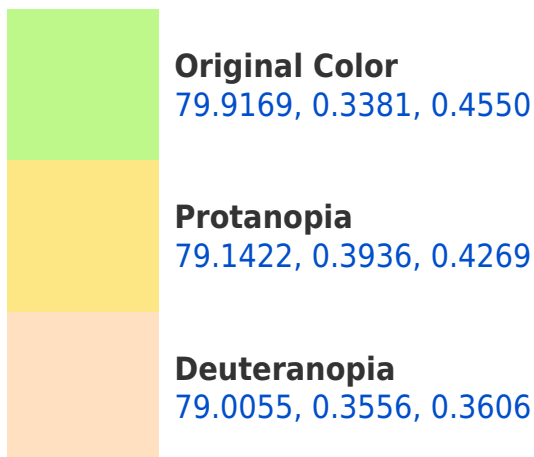


This preview shows how white text looks on a background with the Yxy color 79.9169, 0.3381, 0.4550.

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





Tritanopia

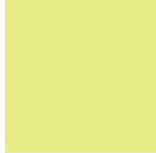
79.7739, 0.2843, 0.3099

Trichromacy



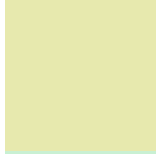
Original Color

79.9169, 0.3381, 0.4550



Protanomaly

79.1126, 0.3722, 0.4380



Deuteranomaly

78.3227, 0.3495, 0.3925



Tritanomaly

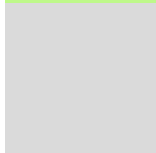
79.4408, 0.3047, 0.3613

Monochromacy



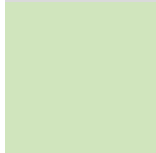
Original Color

79.9169, 0.3381, 0.4550



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

73.1226, 0.3237, 0.3745

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9169, 0.3381, 0.4550 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(190, 248, 138)` looks like.

```
.text, #text, p{  
    color:rgb(190, 248, 138)  
}
```

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(190, 248, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 248, 138) }
```

Border

The CSS property to change the border of an element to Yxy 79.9169, 0.3381, 0.4550 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(190, 248, 138) }
```

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

```
.border{ border-color:rgb(190, 248, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 248, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 248, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 248, 138);  
box-shadow:4px 4px 4px 4px rgb(190, 248,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9169, 0.3381, 0.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 248, 138) }
```

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

```
.background{ background-color: rgb(190,  
248, 138) }
```

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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