

Converting Colors

Yxy(73.5088, 0.3347, 0.4651)

Have a look what the booklet for
Yxy(73.5088, 0.3347, 0.4651)
contains.

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Color

Yxy(73.5569, 0.3352, 0.4655)

Conversions

Conversions Part 1

Format	Color
Hex	AFF17F
RGB	175, 241, 127
RGB Percent	69%, 95%, 50%
CMY	0.3137, 0.0549, 0.5019
CMYK	0.27, 0.00, 0.47, 0.05
HSL	95°, 80%, 72%
HSV	95°, 47%, 95%
XYZ	52.9673, 73.5569, 31.4928
YIQ	208.2700, -2.7420, -49.4460

Conversions

Conversions Part 2

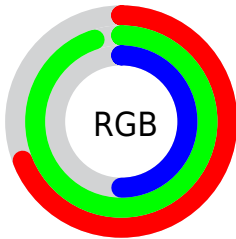
Format	Color
RYB	127, 241, 193
Decimal	11530623
CIELab	88.71, -39.89, 48.27
CIELCh	89, 62.621, 129.567
Yxy	73.5569, 0.3352, 0.4655
Android (android.graphics.Color)	4289720703 (0xFFAFF17F)
YUV	208.2700, -40.0661, -29.1778
Hunter-Lab	85.7653, -39.8506, 38.2646

Details

The Yxy color **73.5569, 0.3352, 0.4655** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **32.8772, 0.2747, 0.1986**, and the grayscale version is **63.5310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2210, 0.3413, 0.4045**, and **39.1279, 0.3355, 0.5005** is the 20% darker color. If you saturate the color by 10%, you get **71.4726, 0.3373, 0.4959**, and if you desaturate by 10%, it is **75.9648, 0.3317, 0.4343**.

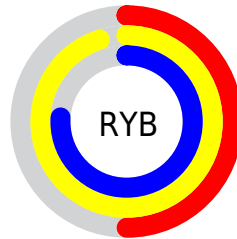
Distribution



Red (69%)

Green (95%)

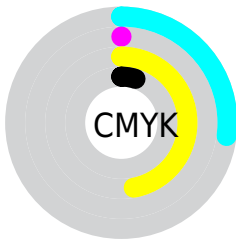
Blue (50%)



Red (50%)

Yellow (95%)

Blue (76%)

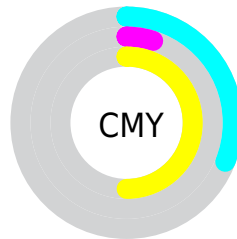


Cyan (27%)

Magenta (0%)

Yellow (47%)

Black (5%)



Cyan (31%)


Magenta (5%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5569, 0.3352, 0.4655 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 73.5569, 0.3352, 0.4655 by changing the saturation by 10% instead.

 73.5569, 0.3352,
0.4655


 73.5569, 0.3352,
0.4655


472.9427, 0.3279,
0.3992


 54.4315, 0.3359,
0.4811


 124.2675, 0.3334,
0.4421

 38.9467, 0.3361,
0.5004


 156.6214, 0.3325,
0.4331

 26.7183, 0.3355,
0.5248


 194.1536, 0.3316,
0.4254

 17.3617, 0.3329,
0.5565

237.2485, 0.3308,
0.4187

 10.4927, 0.3261,
0.5981

286.2904, 0.3300,
0.4129

 5.7269, 0.3183,
0.6716


341.6639, 0.3292,

 2.6797, 0.2727,


0.4078


0.7273

403.7531, 0.3285,
0.4033


 0.9669, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 73.5569, 0.3352,
0.4655


 73.5569, 0.3352,
0.4655

 71.4726, 0.3373,
0.4959


 75.9648, 0.3317,
0.4343

 69.6863, 0.3376,
0.5238


 78.7013, 0.3273,
0.4035

 68.1837, 0.3359,
0.5474


 81.7832, 0.3221,
0.3743


 66.9445, 0.3322,
0.5654

 85.2234, 0.3167,
0.3473

 65.9440, 0.3269,
0.5773

 89.0338, 0.3112,
0.3226

 65.7054, 0.3254,
0.5798

 91.3926, 0.3133,
0.3156

Harmonies

Analogous

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



73.5569, 0.4035, 0.4553



73.5569, 0.3352, 0.4655



73.5569, 0.2646, 0.4228

Triad

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



73.5569, 0.3352, 0.4655



73.5569, 0.1882, 0.2298



73.5569, 0.4222, 0.3023

Complementary

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



73.5569, 0.3352, 0.4655



32.8772, 0.2747, 0.1986

Split Complementary

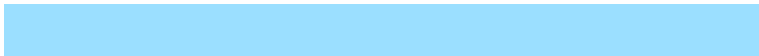
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5569, 0.3511, 0.2560



73.5569, 0.3352, 0.4655



73.5569, 0.2189, 0.2151

Square

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



73.5569, 0.3352, 0.4655



73.5569, 0.1850, 0.2733



73.5569, 0.2759, 0.2251



73.5569, 0.4598, 0.3566

Rectangle

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



73.5569, 0.3352, 0.4655



73.5569, 0.2259, 0.3721



73.5569, 0.2759, 0.2251



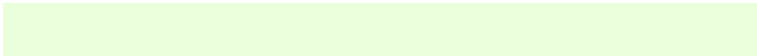
73.5569, 0.4009, 0.2856

Sweetspot

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



73.5601, 0.3352, 0.4655



94.1983, 0.3204, 0.3653



57.7640, 0.4067, 0.3990



19.9866, 0.3216, 0.3713



0.0000, 0.0000, 0.0000



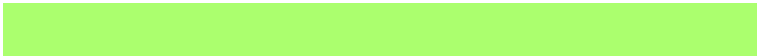
21.4041, 0.3127, 0.3290

Same Dimension

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



73.5601, 0.3352, 0.4655



81.2776, 0.3372, 0.4955



69.1653, 0.3021, 0.4689



17.9815, 0.3179, 0.3530



35.7048, 0.3266, 0.5789



3.0276, 0.3368, 0.5708

Inverse Universe

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



32.8772, 0.2747, 0.1986



29.7413, 0.2640, 0.1715



39.7932, 0.3250, 0.2206



15.6807, 0.3071, 0.3052



6.5273, 0.2186, 0.0978



0.6014, 0.2317, 0.1050

Previews

White Background



This preview shows how the Yxy color 73.5569, 0.3352, 0.4655 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 73.5569, 0.3352, 0.4655 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 73.5569, 0.3352, 0.4655

Background



This preview shows how black text looks on a background with the Yxy color 73.5569, 0.3352, 0.4655.

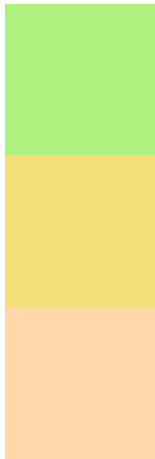


This preview shows how white text looks on a background with the Yxy color 73.5569, 0.3352, 0.4655.

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

73.5569, 0.3352, 0.4655

Protanopia

72.8317, 0.3978, 0.4336

Deuteranopia

72.6880, 0.3771, 0.3775



Tritanopia

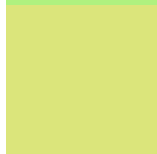
73.4781, 0.2792, 0.3091

Trichromacy



Original Color

73.5569, 0.3352, 0.4655



Protanomaly

72.5288, 0.3734, 0.4453



Deuteranomaly

71.7800, 0.3620, 0.4074



Tritanomaly

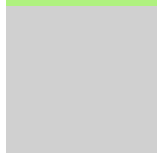
73.0287, 0.2999, 0.3640

Monochromacy



Original Color

73.5569, 0.3352, 0.4655



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

66.1768, 0.3226, 0.3779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5569, 0.3352, 0.4655 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(175, 241, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 241, 127)  
}
```

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(175, 241, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 241, 127) }
```

Border

The CSS property to change the border of an element to Yxy 73.5569, 0.3352, 0.4655 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(175, 241, 127) }
```

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

```
.border{ border-color:rgb(175, 241, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 241, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 241, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 241, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 241,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5569, 0.3352, 0.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 241, 127) }
```

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

```
.background{ background-color: rgb(175,  
241, 127) }
```

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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