

Converting Colors

$Y_{xy}(75.0110, 0.3354, 0.4508)$

Have a look what the booklet for
Yxy(75.0110, 0.3354, 0.4508)
contains.

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Color

Yxy(74.9359, 0.3356, 0.4506)

Conversions

Conversions Part 1

Format	Color
Hex	B8F18A
RGB	184, 241, 138
RGB Percent	72%, 95%, 54%
CMY	0.2784, 0.0549, 0.4589
CMYK	0.24, 0.00, 0.43, 0.05
HSL	93°, 79%, 74%
HSV	93°, 43%, 95%
XYZ	55.8111, 74.9359, 35.5555
YIQ	212.2150, -0.9090, -44.1170

Conversions

Conversions Part 2

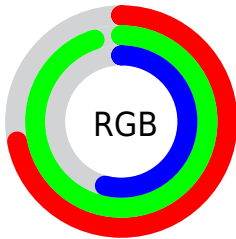
Format	Color
RYB	138, 241, 195
Decimal	12120458
CIELab	89.36, -35.46, 43.94
CIElCh	89, 56.458, 128.904
Yxy	74.9359, 0.3356, 0.4506
Android (android.graphics.Color)	4290310538 (0xFFB8F18A)
YUV	212.2150, -36.5880, -24.7446
Hunter-Lab	86.5655, -36.4059, 36.2434

Details

The Yxy color **74.9359, 0.3356, 0.4506** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.1164, 0.2771, 0.2109**, and the grayscale version is **66.2395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2475, 0.3409, 0.3918**, and **40.0369, 0.3376, 0.4814** is the 20% darker color. If you saturate the color by 10%, you get **72.7474, 0.3387, 0.4812**, and if you desaturate by 10%, it is **77.4409, 0.3312, 0.4198**.

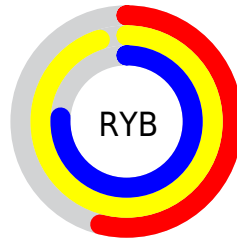
Distribution



Red (72%)

Green (95%)

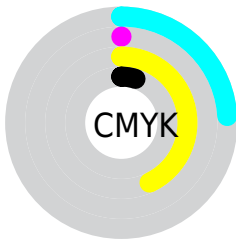
Blue (54%)



Red (54%)

Yellow (95%)

Blue (76%)

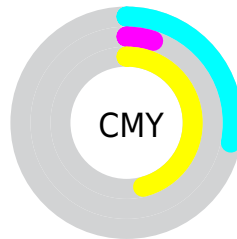


Cyan (24%)

Magenta (0%)

Yellow (43%)

Black (5%)



Cyan (28%)


Magenta (5%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9359, 0.3356, 0.4506 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 74.9359, 0.3356, 0.4506 by changing the saturation by 10% instead.

 74.9359, 0.3356,
0.4506


 74.9359, 0.3356,
0.4506


477.6972, 0.3274,
0.3920


 55.5604, 0.3367,
0.4643

 126.2216, 0.3333,
0.4299

 39.8506, 0.3376,
0.4814

 158.9006, 0.3323,
0.4220

 27.4220, 0.3381,
0.5031


 196.7829, 0.3313,
0.4151

 17.8904, 0.3373,
0.5313

240.2528, 0.3304,
0.4093

 10.8714, 0.3337,
0.5689

289.6948, 0.3296,
0.4041

 5.9804, 0.3260,
0.6251


345.4933, 0.3288,

 2.8332, 0.3005,


0.3996


0.6995

408.0326, 0.3281,
0.3955


 1.0453, 0.1027,
0.8973


 0.0000, 0.0000,
0.0000


 74.9359, 0.3356,
0.4506


 74.9359, 0.3356,
0.4506


 72.7474, 0.3387,
0.4812

 77.4409, 0.3312,
0.4198


 70.8510, 0.3402,
0.5100


 80.2662, 0.3260,
0.3899

 69.2338, 0.3397,
0.5354

 83.4276, 0.3202,
0.3617

 67.8779, 0.3372,
0.5557

 86.9369, 0.3143,
0.3357

 66.7620, 0.3326,
0.5702

 90.5797, 0.3105,
0.3155

 66.0823, 0.3285,
0.5773

 91.3925, 0.3133,
0.3156

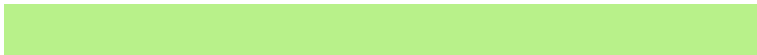
Harmonies

Analogous

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



74.9359, 0.3969, 0.4427



74.9359, 0.3356, 0.4506



74.9359, 0.2714, 0.4133

Triad

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



74.9359, 0.3356, 0.4506



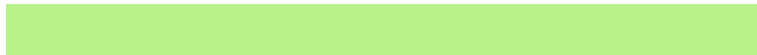
74.9359, 0.1989, 0.2401



74.9359, 0.4096, 0.3045

Complementary

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



74.9359, 0.3356, 0.4506



36.1164, 0.2771, 0.2109

Split Complementary

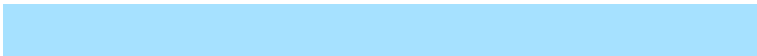
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9359, 0.3460, 0.2619



74.9359, 0.3356, 0.4506



74.9359, 0.2268, 0.2253

Square

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



74.9359, 0.3356, 0.4506



74.9359, 0.1968, 0.2810



74.9359, 0.2785, 0.2339



74.9359, 0.4444, 0.3544

Rectangle

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



74.9359, 0.3356, 0.4506



74.9359, 0.2357, 0.3693



74.9359, 0.2785, 0.2339



74.9359, 0.3905, 0.2891

Sweetspot

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



74.9392, 0.3356, 0.4506



94.7328, 0.3204, 0.3625



59.4042, 0.3966, 0.3908



20.0998, 0.3217, 0.3686



0.0000, 0.0000, 0.0000



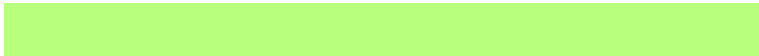
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9392, 0.3356, 0.4506



83.0753, 0.3383, 0.4764



70.3003, 0.3039, 0.4555



18.0021, 0.3183, 0.3529



35.9112, 0.3297, 0.5764



3.0456, 0.3399, 0.5683

Inverse Universe

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



36.1164, 0.2771, 0.2109



33.7287, 0.2677, 0.1867



42.9177, 0.3222, 0.2286



15.6597, 0.3066, 0.3052



6.2424, 0.2131, 0.0948



0.5783, 0.2266, 0.1022

Previews

White Background



This preview shows how the Yxy color 74.9359, 0.3356, 0.4506 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 74.9359, 0.3356, 0.4506 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 74.9359, 0.3356, 0.4506

Background



This preview shows how black text looks on a background with the Yxy color 74.9359, 0.3356, 0.4506.

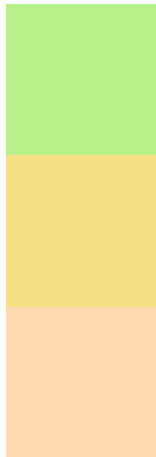


This preview shows how white text looks on a background with the Yxy color 74.9359, 0.3356, 0.4506.

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

74.9359, 0.3356, 0.4506

Protanopia

74.3897, 0.3903, 0.4240

Deuteranopia

74.0203, 0.3706, 0.3713



Tritanopia

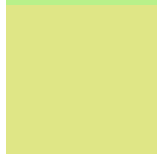
74.4816, 0.2829, 0.3083

Trichromacy



Original Color

74.9359, 0.3356, 0.4506



Protanomaly

74.0028, 0.3696, 0.4339



Deuteranomaly

73.6594, 0.3577, 0.3990



Tritanomaly

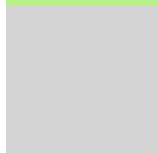
74.2522, 0.3027, 0.3588

Monochromacy



Original Color

74.9359, 0.3356, 0.4506



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.8347, 0.3227, 0.3733

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9359, 0.3356, 0.4506 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(184, 241, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 241, 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(184, 241, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 241, 138) }
```

Border

The CSS property to change the border of an element to Yxy 74.9359, 0.3356, 0.4506 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(184, 241, 138) }
```

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

```
.border{ border-color:rgb(184, 241, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 241, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 241, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 241, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 241,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9359, 0.3356, 0.4506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 241, 138) }
```

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

```
.background{ background-color: rgb(184,  
241, 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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