

Converting Colors

$Yxy(74.9954, 0.3485, 0.4655)$

Have a look what the booklet for
Yxy(74.9954, 0.3485, 0.4655)
contains.

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Color

Yxy(74.6725, 0.3484, 0.4654)

Conversions

Conversions Part 1

Format	Color
Hex	BEF07A
RGB	190, 240, 122
RGB Percent	75%, 94%, 48%
CMY	0.2551, 0.0588, 0.5216
CMYK	0.21, 0.00, 0.49, 0.06
HSL	85°, 80%, 71%
HSV	85°, 49%, 94%
XYZ	55.9001, 74.6725, 29.8754
YIQ	211.5980, 8.0780, -47.2980

Conversions

Conversions Part 2

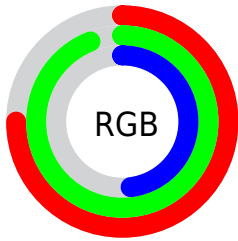
Format	Color
RYB	122, 240, 172
Decimal	12513402
CIELab	89.24, -34.70, 51.49
CIElCh	89, 62.088, 123.980
Yxy	74.6725, 0.3484, 0.4654
Android (android.graphics.Color)	4290703482 (0xFFBEF07A)
YUV	211.5980, -44.1718, -18.9414
Hunter-Lab	86.4133, -35.7529, 39.9911

Details

The Yxy color **74.6725, 0.3484, 0.4654** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **28.9850, 0.2568, 0.1874**, and the grayscale version is **65.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6508, 0.3543, 0.4070**, and **39.7790, 0.3521, 0.4994** is the 20% darker color. If you saturate the color by 10%, you get **72.8875, 0.3525, 0.4928**, and if you desaturate by 10%, it is **76.7025, 0.3426, 0.4365**.

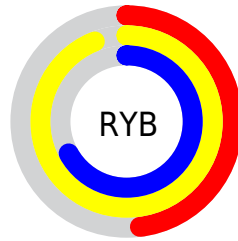
Distribution



Red (75%)

Green (94%)

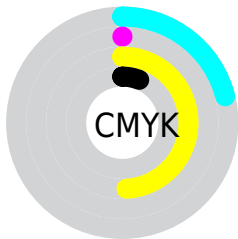
Blue (48%)



Red (48%)

Yellow (94%)

Blue (67%)

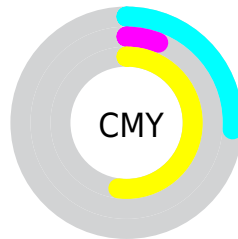


Cyan (21%)

Magenta (0%)

Yellow (49%)

Black (6%)



Cyan (26%)

Magenta (6%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6725, 0.3484, 0.4654 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 74.6725, 0.3484, 0.4654 by changing the saturation by 10% instead.

 74.6725, 0.3484,
0.4654

 74.6725, 0.3484,
0.4654


476.7912, 0.3351,
0.4001


 55.3446, 0.3504,
0.4804

 125.8487, 0.3446,
0.4426

 39.6777, 0.3521,
0.4989

 158.4657, 0.3429,
0.4337

 27.2874, 0.3533,
0.5220


 196.2814, 0.3413,
0.4261

 17.7892, 0.3530,
0.5513

239.6799, 0.3399,
0.4195

 10.7987, 0.3489,
0.5889

289.0457, 0.3385,
0.4137

 5.9317, 0.3455,
0.6545

344.7633, 0.3373,

 2.8036, 0.3039,

0.4087

0.6961

407.2170, 0.3362,
0.4041

■ 1.0301, 0.1083,
0.8917

■ 0.0000, 0.0000,
0.0000

■ 74.6725, 0.3484,
0.4654

■ 74.6725, 0.3484,
0.4654

■ 72.8875, 0.3525,
0.4928

■ 76.7025, 0.3426,
0.4365

■ 71.3248, 0.3546,
0.5173

■ 78.9794, 0.3357,
0.4073


■ 69.9732, 0.3543,
0.5375


■ 81.5172, 0.3280,
0.3789

■ 68.8158, 0.3516,
0.5525


■ 84.3259, 0.3200,
0.3520

 67.8277, 0.3469,
0.5624

 87.4151, 0.3121,
0.3270

 67.7511, 0.3464,
0.5631

 90.0647, 0.3108,
0.3145

 90.8089, 0.3134,
0.3146

Harmonies

Analogous

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



74.6725, 0.4133, 0.4475



74.6725, 0.3484, 0.4654



74.6725, 0.2776, 0.4330

Triad

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



74.6725, 0.3484, 0.4654



74.6725, 0.1869, 0.2368



74.6725, 0.4094, 0.2934

Complementary

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



74.6725, 0.3484, 0.4654



28.9850, 0.2568, 0.1874

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.



74.6725, 0.3363, 0.2498



74.6725, 0.3484, 0.4654



74.6725, 0.2123, 0.2171

Square

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



74.6725, 0.3484, 0.4654



74.6725, 0.1890, 0.2855



74.6725, 0.2641, 0.2228



74.6725, 0.4543, 0.3462

Rectangle

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



74.6725, 0.3484, 0.4654



74.6725, 0.2367, 0.3863



74.6725, 0.2641, 0.2228



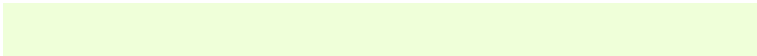
74.6725, 0.3867, 0.2775

Sweetspot

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



74.6758, 0.3484, 0.4654



94.8288, 0.3247, 0.3676



49.1220, 0.4215, 0.3831



20.1541, 0.3264, 0.3734



0.0000, 0.0000, 0.0000



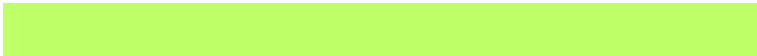
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6758, 0.3484, 0.4654



83.6320, 0.3525, 0.4929



68.6254, 0.3108, 0.4829



18.1058, 0.3203, 0.3528



37.1629, 0.3475, 0.5623



3.1501, 0.3567, 0.5550

Inverse Universe

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



28.9850, 0.2568, 0.1874



25.5958, 0.2419, 0.1577



37.0618, 0.3092, 0.2069



15.5564, 0.3046, 0.3051



5.0580, 0.1885, 0.0812



0.4782, 0.2032, 0.0893

Previews

White Background



This preview shows how the Yxy color 74.6725, 0.3484, 0.4654 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 74.6725, 0.3484, 0.4654 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 74.6725, 0.3484, 0.4654

Background



This preview shows how black text looks on a background with the Yxy color 74.6725, 0.3484, 0.4654.



This preview shows how white text looks on a background with the Yxy color 74.6725, 0.3484, 0.4654.

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

74.6725, 0.3484, 0.4654

Protanopia

74.3464, 0.4015, 0.4379

Deuteranopia

73.8643, 0.3735, 0.3754



Tritanopia

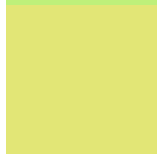
74.1898, 0.2889, 0.3095

Trichromacy



Original Color

74.6725, 0.3484, 0.4654



Protanomaly

74.0704, 0.3811, 0.4486



Deuteranomaly

73.1724, 0.3648, 0.4062



Tritanomaly

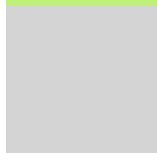
73.7395, 0.3117, 0.3644

Monochromacy



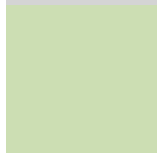
Original Color

74.6725, 0.3484, 0.4654



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

68.3346, 0.3283, 0.3792

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6725, 0.3484, 0.4654 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, 240, 122)` looks like.

```
.text, #text, p{  
    color:rgb(190, 240, 122)  
}
```

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, 240, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 240, 122) }
```

Border

The CSS property to change the border of an element to Yxy 74.6725, 0.3484, 0.4654 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, 240, 122) }
```

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

```
.border{ border-color:rgb(190, 240, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 240, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 240, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 240, 122);  
box-shadow:4px 4px 4px 4px rgb(190, 240,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6725, 0.3484, 0.4654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 240, 122) }
```

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

```
.background{ background-color: rgb(190,  
240, 122) }
```

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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