

Converting Colors

Yxy(71.9478, 0.3536, 0.4694)

Have a look what the booklet for
Yxy(71.9478, 0.3536, 0.4694)
contains.

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Color

Yxy(72.1759, 0.3532, 0.4693)

Conversions

Conversions Part 1

Format	Color
Hex	BEEC73
RGB	190, 236, 115
RGB Percent	75%, 93%, 45%
CMY	0.2550, 0.0745, 0.5489
CMYK	0.20, 0.00, 0.51, 0.07
HSL	83°, 76%, 69%
HSV	83°, 51%, 93%
XYZ	54.3203, 72.1759, 27.2986
YIQ	208.4520, 11.4250, -47.3830

Conversions

Conversions Part 2

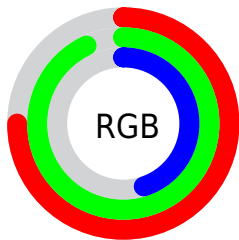
Format	Color
RYB	115, 236, 161
Decimal	12512371
CIELab	88.05, -33.57, 53.29
CIELCh	88, 62.983, 122.210
Yxy	72.1759, 0.3532, 0.4693
Android (android.graphics.Color)	4290702451 (0xFFBEEC73)
YUV	208.4520, -46.0718, -16.1824
Hunter-Lab	84.9564, -34.5425, 40.4181

Details

The Yxy color **72.1759, 0.3532, 0.4693** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **25.9130, 0.2493, 0.1795**, and the grayscale version is **63.6848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3787, 0.3584, 0.4139**, and **38.0586, 0.3576, 0.5037** is the 20% darker color. If you saturate the color by 10%, you get **70.5822, 0.3577, 0.4954**, and if you desaturate by 10%, it is **73.9864, 0.3470, 0.4413**.

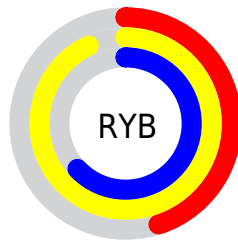
Distribution



Red (75%)

Green (93%)

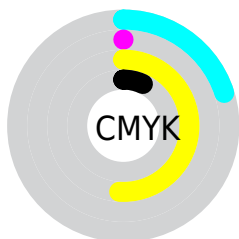
Blue (45%)



Red (45%)

Yellow (93%)

Blue (63%)

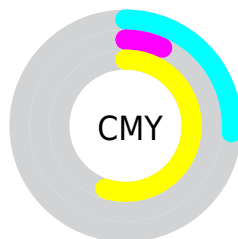


Cyan (20%)

Magenta (0%)

Yellow (51%)

Black (7%)



Cyan (26%)


Magenta (7%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.1759, 0.3532, 0.4693 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 72.1759, 0.3532, 0.4693 by changing the saturation by 10% instead.


 72.1759, 0.3532,
0.4693


 72.1759, 0.3532,
0.4693


468.1536, 0.3379,
0.4020


 53.3024, 0.3555,
0.4848

 122.3066, 0.3488,
0.4458

 38.0442, 0.3576,
0.5037


 154.3325, 0.3468,
0.4366

 26.0170, 0.3591,
0.5273


 191.5114, 0.3450,
0.4288

 16.8364, 0.3589,
0.5571

234.2276, 0.3433,
0.4220

 10.1179, 0.3545,
0.5949

282.8655, 0.3418,
0.4161

 5.4772, 0.3465,
0.6535


337.8096, 0.3404,

 2.5299, 0.3037,


0.4108


0.6963


399.4442, 0.3391,
0.4062

 0.8915, 0.0303,
0.9697


 0.0000, 0.0000,
0.0000


 72.1759, 0.3532,
0.4693


 72.1759, 0.3532,
0.4693


 70.5822, 0.3577,
0.4954


 73.9864, 0.3470,
0.4413

 69.1836, 0.3599,
0.5182


 76.0150, 0.3395,
0.4126


 67.9695, 0.3597,
0.5366


 78.2750, 0.3312,
0.3844


 66.9236, 0.3571,
0.5499

 80.7756, 0.3225,
0.3574

 66.1250, 0.3533,
0.5577

 83.5256, 0.3138,
0.3320

 86.4269, 0.3063,
0.3103

 88.0721, 0.3122,
0.3106

 88.4778, 0.3136,
0.3107

Harmonies

Analogous

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



72.1759, 0.4188, 0.4478



72.1759, 0.3532, 0.4693



72.1759, 0.2806, 0.4395

Triad

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



72.1759, 0.3532, 0.4693



72.1759, 0.1835, 0.2366



72.1759, 0.4080, 0.2895

Complementary

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



72.1759, 0.3532, 0.4693



25.9130, 0.2493, 0.1795

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.



72.1759, 0.3321, 0.2459



72.1759, 0.3532, 0.4693



72.1759, 0.2078, 0.2151

Square

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



72.1759, 0.3532, 0.4693



72.1759, 0.1873, 0.2880



72.1759, 0.2591, 0.2195



72.1759, 0.4565, 0.3429

Rectangle

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



72.1759, 0.3532, 0.4693



72.1759, 0.2381, 0.3926



72.1759, 0.2591, 0.2195



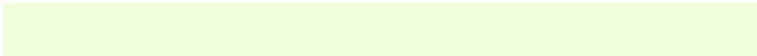
72.1759, 0.3842, 0.2735

Sweetspot

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



72.1791, 0.3532, 0.4693



95.1192, 0.3258, 0.3675



44.0061, 0.4315, 0.3786



20.2242, 0.3277, 0.3732



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.



72.1791, 0.3532, 0.4693



83.9595, 0.3580, 0.4979



66.0752, 0.3140, 0.4883



17.3241, 0.3209, 0.3527



36.5217, 0.3543, 0.5569



2.9227, 0.3632, 0.5498

Inverse Universe

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



25.9130, 0.2493, 0.1795



22.9269, 0.2319, 0.1467



33.5243, 0.3031, 0.2002



14.8283, 0.3039, 0.3051



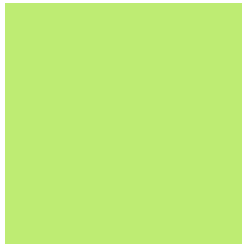
4.6003, 0.1815, 0.0774



0.4149, 0.1970, 0.0859

Previews

White Background



This preview shows how the Yxy color 72.1759, 0.3532, 0.4693 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 72.1759, 0.3532, 0.4693 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 72.1759, 0.3532, 0.4693

Background



This preview shows how black text looks on a background with the Yxy color 72.1759, 0.3532, 0.4693.



This preview shows how white text looks on a background with the Yxy color 72.1759, 0.3532, 0.4693.

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

72.1759, 0.3532, 0.4693

Protanopia

71.3669, 0.4040, 0.4410

Deuteranopia

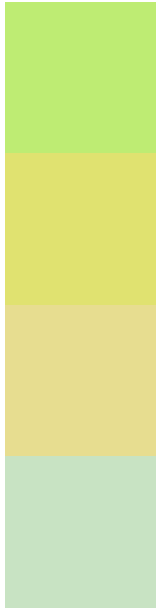
71.4217, 0.3829, 0.3827



Tritanopia

71.6556, 0.2905, 0.3093

Trichromacy



Original Color

72.1759, 0.3532, 0.4693

Protanomaly

71.4099, 0.3848, 0.4515

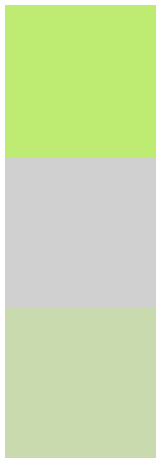
Deuteranomaly

70.7154, 0.3729, 0.4130

Tritanomaly

71.1577, 0.3144, 0.3660

Monochromacy



Original Color

72.1759, 0.3532, 0.4693

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

65.6163, 0.3300, 0.3812

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1759, 0.3532, 0.4693 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, 236, 115)` looks like.

```
.text, #text, p{  
    color:rgb(190, 236, 115)  
}
```

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, 236, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 236, 115) }
```

Border

The CSS property to change the border of an element to Yxy 72.1759, 0.3532, 0.4693 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, 236, 115) }
```

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

```
.border{ border-color:rgb(190, 236, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 236, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 236, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 236, 115);  
box-shadow:4px 4px 4px 4px rgb(190, 236,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1759, 0.3532, 0.4693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 236, 115) }
```

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

```
.background{ background-color: rgb(190,  
236, 115) }
```

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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