

Converting Colors

Yxy(53.3732, 0.3491, 0.4072)

Have a look what the booklet for
Yxy(53.3732, 0.3491, 0.4072)
contains.

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Color

Yxy(53.3732, 0.3491, 0.4072)

Conversions

Conversions Part 1

Format	Color
Hex	BCC78A
RGB	188, 199, 138
RGB Percent	74%, 78%, 54%
CMY	0.2626, 0.2196, 0.4587
CMYK	0.06, 0.00, 0.31, 0.22
HSL	71°, 35%, 66%
HSV	71°, 31%, 78%
XYZ	45.7578, 53.3732, 31.9427
YIQ	188.7570, 13.0250, -21.3030

Conversions

Conversions Part 2

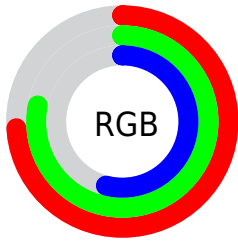
Format	Color
RYB	138, 199, 149
Decimal	12371850
CIELab	78.09, -13.71, 29.34
CIELCh	78, 32.384, 115.042
Yxy	53.3732, 0.3491, 0.4072
Android (android.graphics.Color)	4290561930 (0xFFBCC78A)
YUV	188.7570, -25.0232, -0.6639
Hunter-Lab	73.0570, -16.0497, 25.2165

Details

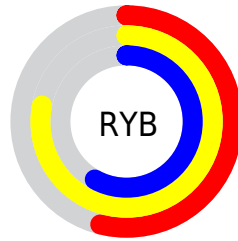
The Yxy color $53.3732, 0.3491, 0.4072$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $28.6939, 0.2686, 0.2424$, and the grayscale version is $50.8880, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7382, 0.3435, 0.3924$, and $26.0073, 0.3578, 0.4293$ is the 20% darker color. If you saturate the color by 10%, you get $52.4022, 0.3602, 0.4332$, and if you desaturate by 10%, it is $54.4658, 0.3373, 0.3809$.

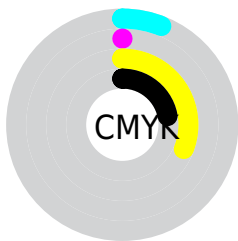
Distribution



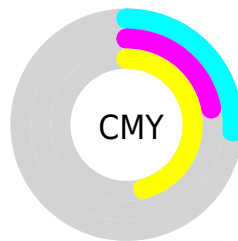
- Red (74%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (78%)
- Blue (58%)



- Cyan (6%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)





- Cyan (26%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3732, 0.3491, 0.4072 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 53.3732, 0.3491, 0.4072 by changing the saturation by 10% instead.


 53.3732, 0.3491,
0.4072


 53.3732, 0.3491,
0.4072


399.7153, 0.3321,
0.3682


 38.1008, 0.3529,
0.4168


 95.1533, 0.3433,
0.3931

 26.0609, 0.3575,
0.4290

 122.4298, 0.3410,
0.3878

 16.8692, 0.3630,
0.4450

 154.4764, 0.3390,
0.3833

 10.1413, 0.3698,
0.4666

191.6775, 0.3373,
0.3794

 5.4927, 0.3775,
0.4972

234.4176, 0.3357,
0.3760

 2.5392, 0.4026,
0.5683

283.0810, 0.3344,

 0.8962, 0.3659,

0.3731

0.6341

338.0521, 0.3332,
0.3705

0.0000, 0.0000,
0.0000

53.3732, 0.3491,
0.4072

53.3732, 0.3491,
0.4072

52.4022, 0.3602,
0.4332

54.4658, 0.3373,
0.3809

51.5399, 0.3701,
0.4579

55.6783, 0.3253,
0.3552

50.7821, 0.3783,
0.4802


57.0181, 0.3135,
0.3305

50.1218, 0.3843,
0.4991


58.4900, 0.3020,
0.3074

49.5509, 0.3878,
0.5139


60.0985, 0.2912,
0.2859


 49.0597, 0.3887,
0.5242

 61.6911, 0.2826,
0.2686

 48.6553, 0.3877,
0.5303

 62.2202, 0.2851,
0.2690

 62.7610, 0.2876,
0.2694

 63.3138, 0.2901,
0.2699

Harmonies

Analogous

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



53.3732, 0.3835, 0.3952



53.3732, 0.3491, 0.4072



53.3732, 0.3064, 0.3949

Triad

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



53.3732, 0.3491, 0.4072



53.3732, 0.2332, 0.2824



53.3732, 0.3578, 0.2992

Complementary

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



53.3732, 0.3491, 0.4072



28.6939, 0.2686, 0.2424

Split Complementary

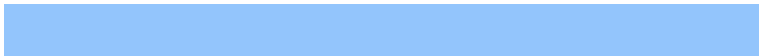
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



53.3732, 0.3144, 0.2735



53.3732, 0.3491, 0.4072



53.3732, 0.2445, 0.2627

Square

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



53.3732, 0.3491, 0.4072



53.3732, 0.2411, 0.3177



53.3732, 0.2733, 0.2602



53.3732, 0.3897, 0.3325

Rectangle

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



53.3732, 0.3491, 0.4072



53.3732, 0.2792, 0.3737



53.3732, 0.2733, 0.2602



53.3732, 0.3439, 0.2895

Sweetspot

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



53.3756, 0.3491, 0.4072



97.8352, 0.3235, 0.3514



35.2143, 0.3771, 0.3426



20.8697, 0.3253, 0.3551



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.



53.3756, 0.3491, 0.4072



92.2660, 0.3569, 0.4252



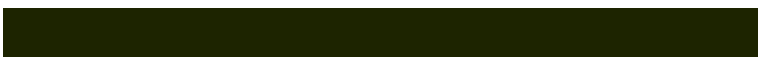
49.9837, 0.3243, 0.4138



12.3169, 0.3238, 0.3520



31.3234, 0.3882, 0.5300



1.5090, 0.3951, 0.5245

Inverse Universe

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



28.6939, 0.2686, 0.2424



42.0058, 0.2564, 0.2198



31.8508, 0.2963, 0.2489



10.3776, 0.3010, 0.3053



2.9175, 0.1588, 0.0648



0.1669, 0.1777, 0.0753

Previews

White Background



This preview shows how the Yxy color 53.3732, 0.3491, 0.4072 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 53.3732, 0.3491, 0.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

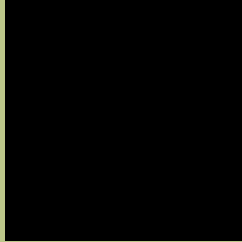
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

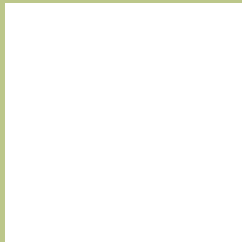
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3732, 0.3491, 0.4072

Background



This preview shows how black text looks on a background with the Yxy color 53.3732, 0.3491, 0.4072.



This preview shows how white text looks on a background with the Yxy color 53.3732, 0.3491, 0.4072.

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

53.3732, 0.3491, 0.4072

Protanopia

53.2991, 0.3708, 0.3997

Deuteranopia

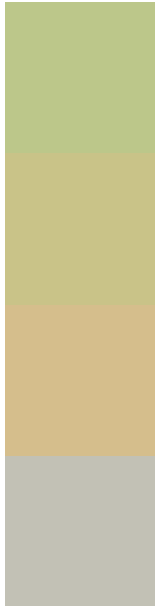
53.1150, 0.3872, 0.3798



Tritanopia

53.1050, 0.3071, 0.3109

Trichromacy



Original Color

53.3732, 0.3491, 0.4072

Protanomaly

53.2253, 0.3631, 0.4023

Deuteranomaly

52.8665, 0.3725, 0.3893

Tritanomaly

52.9455, 0.3226, 0.3440

Monochromacy



Original Color

53.3732, 0.3491, 0.4072

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.8610, 0.3269, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3732, 0.3491, 0.4072 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(188, 199, 138)` looks like.

```
.text, #text, p{  
    color:rgb(188, 199, 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(188, 199, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 199, 138) }
```

Border

The CSS property to change the border of an element to Yxy 53.3732, 0.3491, 0.4072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

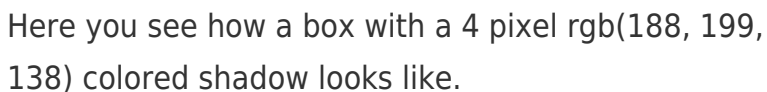
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 199, 138) }
```

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

```
.border{ border-color:rgb(188, 199, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 199, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 199, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 199, 138); box-shadow:4px 4px 4px 4px rgb(188, 199, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3732, 0.3491, 0.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 199, 138) }
```

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

```
.background{ background-color: rgb(188,  
199, 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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