

Converting Colors

$Yxy(55.3758, 0.3344, 0.4092)$

Have a look what the booklet for
Yxy(55.3758, 0.3344, 0.4092)
contains.

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Color

Yxy(55.5033, 0.3340, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	B1CE90
RGB	177, 206, 144
RGB Percent	69%, 81%, 56%
CMY	0.3058, 0.1921, 0.4354
CMYK	0.14, 0.00, 0.30, 0.19
HSL	88°, 39%, 69%
HSV	88°, 30%, 81%
XYZ	45.2370, 55.5033, 34.6997
YIQ	190.2610, 2.6180, -25.4300

Conversions

Conversions Part 2

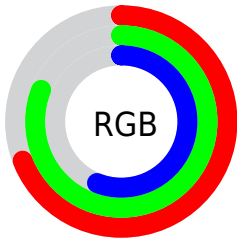
Format	Color
RYB	144, 206, 173
Decimal	11652752
CIELab	79.33, -20.53, 27.75
CIELCh	79, 34.518, 126.487
Yxy	55.5033, 0.3340, 0.4098
Android (android.graphics.Color)	4289842832 (0xFFB1CE90)
YUV	190.2610, -22.8067, -11.6299
Hunter-Lab	74.5005, -21.9902, 24.5352

Details

The Yxy color **55.5033, 0.3340, 0.4098** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.2713, 0.2852, 0.2476**, and the grayscale version is **51.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9209, 0.3320, 0.3877**, and **27.5319, 0.3384, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **53.8414, 0.3401, 0.4392**, and if you desaturate by 10%, it is **57.3647, 0.3272, 0.3813**.

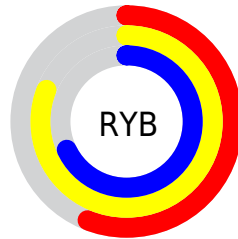
Distribution



Red (69%)

Green (81%)

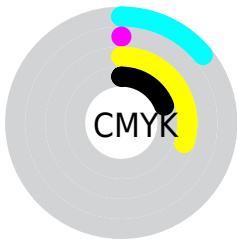
Blue (56%)



Red (56%)

Yellow (81%)

Blue (68%)

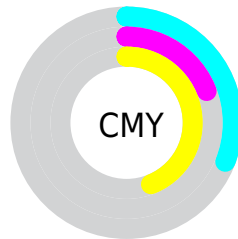


Cyan (14%)

Magenta (0%)

Yellow (30%)

Black (19%)



Cyan (31%)


Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5033, 0.3340, 0.4098 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 55.5033, 0.3340, 0.4098 by changing the saturation by 10% instead.


 55.5033, 0.3340,
0.4098


 55.5033, 0.3340,
0.4098


407.8169, 0.3246,
0.3693

 39.8048, 0.3359,
0.4199


 98.2780, 0.3309,
0.3951

 27.3864, 0.3381,
0.4328


 126.1230, 0.3296,
0.3895

 17.8636, 0.3406,
0.4498


158.7856, 0.3285,
0.3849

 10.8521, 0.3433,
0.4731

196.6502, 0.3276,
0.3808

 5.9675, 0.3452,
0.5068

240.1013, 0.3267,
0.3774

 2.8253, 0.3511,
0.5703

289.5232, 0.3259,

 1.0412, 0.3158,

0.3743

0.6842

345.3003, 0.3252,
0.3716

0.0000, 0.0000,
0.0000

55.5033, 0.3340,
0.4098

55.5033, 0.3340,
0.4098

53.8414, 0.3401,
0.4392

57.3647, 0.3272,
0.3813

52.3640, 0.3450,
0.4685

59.4257, 0.3200,
0.3543

51.0647, 0.3483,
0.4963

61.6956, 0.3128,
0.3293

49.9343, 0.3497,
0.5212


64.1812, 0.3057,
0.3064


48.9623, 0.3487,
0.5419

66.8885, 0.2989,
0.2858


 48.1364, 0.3455,
0.5573

 68.9874, 0.3005,
0.2790

 47.4429, 0.3407,
0.5677

 70.6684, 0.3073,
0.2800

 72.4394, 0.3143,
0.2810

 72.6243, 0.3150,
0.2811

Harmonies

Analogous

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



55.5033, 0.3750, 0.4060



55.5033, 0.3340, 0.4098



55.5033, 0.2891, 0.3869

Triad

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



55.5033, 0.3340, 0.4098



55.5033, 0.2316, 0.2699



55.5033, 0.3752, 0.3104

Complementary

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



55.5033, 0.3340, 0.4098



33.2713, 0.2852, 0.2476

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.



55.5033, 0.3323, 0.2798



55.5033, 0.3340, 0.4098



55.5033, 0.2507, 0.2564

Square

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



55.5033, 0.3340, 0.4098



55.5033, 0.2321, 0.3012



55.5033, 0.2866, 0.2605



55.5033, 0.4007, 0.3465

Rectangle

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



55.5033, 0.3340, 0.4098



55.5033, 0.2631, 0.3599



55.5033, 0.2866, 0.2605



55.5033, 0.3622, 0.2993

Sweetspot

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



55.5057, 0.3340, 0.4098



96.6316, 0.3193, 0.3517



44.9899, 0.3690, 0.3656



20.5723, 0.3204, 0.3555



0.0000, 0.0000, 0.0000



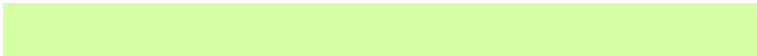
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5057, 0.3340, 0.4098



88.1841, 0.3380, 0.4284



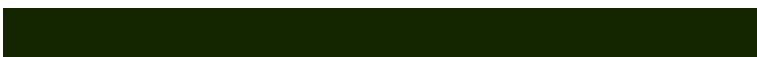
52.2709, 0.3101, 0.4160



12.8262, 0.3195, 0.3524



29.2710, 0.3417, 0.5669



1.5550, 0.3562, 0.5554

Inverse Universe

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



33.2713, 0.2852, 0.2476



46.6209, 0.2779, 0.2286



37.2206, 0.3142, 0.2543



11.0966, 0.3054, 0.3056



4.3406, 0.1969, 0.0858



0.2689, 0.2189, 0.0980

Previews

White Background



This preview shows how the Yxy color 55.5033, 0.3340, 0.4098 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 55.5033, 0.3340, 0.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

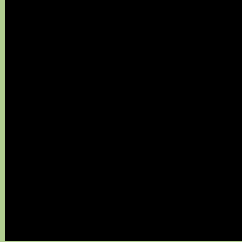
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5033, 0.3340, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 55.5033, 0.3340, 0.4098.



This preview shows how white text looks on a background with the Yxy color 55.5033, 0.3340, 0.4098.

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

55.5033, 0.3340, 0.4098

Protanopia

55.2222, 0.3685, 0.3964

Deuteranopia

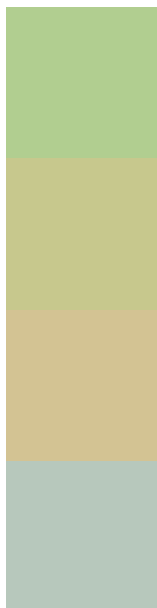
55.0935, 0.3827, 0.3746



Tritanopia

55.3014, 0.2937, 0.3096

Trichromacy



Original Color

55.5033, 0.3340, 0.4098

Protanomaly

55.3738, 0.3560, 0.4022

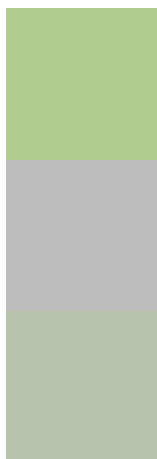
Deuteranomaly

54.9857, 0.3634, 0.3869

Tritanomaly

55.0067, 0.3081, 0.3441

Monochromacy



Original Color

55.5033, 0.3340, 0.4098

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.8113, 0.3210, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5033, 0.3340, 0.4098 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(177, 206, 144)` looks like.

```
.text, #text, p{  
    color:rgb(177, 206, 144)  
}
```

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(177, 206, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 206, 144) }
```

Border

The CSS property to change the border of an element to Yxy 55.5033, 0.3340, 0.4098 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(177, 206, 144) }
```

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

```
.border{ border-color:rgb(177, 206, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 206, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 206, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 206, 144);  
box-shadow:4px 4px 4px 4px rgb(177, 206,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5033, 0.3340, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 206, 144) }
```

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

```
.background{ background-color: rgb(177,  
206, 144) }
```

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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