

Converting Colors

$Yxy(54.3319, 0.3328, 0.4008)$

Have a look what the booklet for
Yxy(54.3319, 0.3328, 0.4008)
contains.

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Color

Yxy(54.3150, 0.3326, 0.4008)

Conversions

Conversions Part 1

Format	Color
Hex	B2CB94
RGB	178, 203, 148
RGB Percent	70%, 80%, 58%
CMY	0.3017, 0.2040, 0.4196
CMYK	0.12, 0.00, 0.27, 0.20
HSL	87°, 35%, 69%
HSV	87°, 27%, 80%
XYZ	45.0728, 54.3150, 36.1287
YIQ	189.2550, 2.7550, -22.4050

Conversions

Conversions Part 2

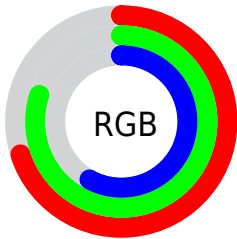
Format	Color
RYB	148, 203, 173
Decimal	11717524
CIELab	78.65, -18.04, 24.72
CIELCh	79, 30.606, 126.128
Yxy	54.3150, 0.3326, 0.4008
Android (android.graphics.Color)	4289907604 (0xFFB2CB94)
YUV	189.2550, -20.3387, -9.8706
Hunter-Lab	73.6987, -19.8054, 22.5239

Details

The Yxy color **54.3150, 0.3326, 0.4008** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.3710, 0.2879, 0.2564**, and the grayscale version is **51.1674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2767, 0.3303, 0.3834**, and **26.7179, 0.3368, 0.4213** is the 20% darker color. If you saturate the color by 10%, you get **52.6770, 0.3392, 0.4299**, and if you desaturate by 10%, it is **56.1435, 0.3254, 0.3728**.

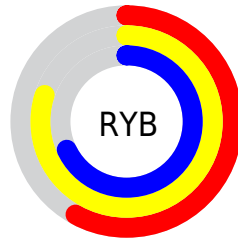
Distribution



Red (70%)

Green (80%)

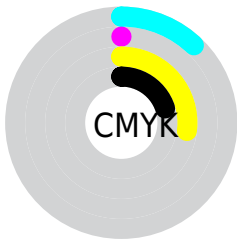
Blue (58%)



Red (58%)

Yellow (80%)

Blue (68%)

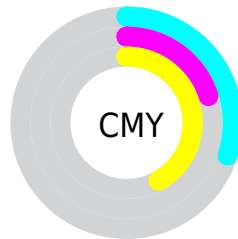


Cyan (12%)

Magenta (0%)

Yellow (27%)

Black (20%)



Cyan (30%)


Magenta (20%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3150, 0.3326, 0.4008 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 54.3150, 0.3326, 0.4008 by changing the saturation by 10% instead.


 54.3150, 0.3326,
0.4008


 54.3150, 0.3326,
0.4008


403.3101, 0.3236,
0.3647

 38.8536, 0.3345,
0.4098

 96.5366, 0.3296,
0.3877

 26.6458, 0.3368,
0.4213


 124.0655, 0.3284,
0.3828

 17.3074, 0.3394,
0.4366

156.3858, 0.3273,
0.3786

 10.4539, 0.3424,
0.4576

193.8817, 0.3264,
0.3750

 5.7009, 0.3454,
0.4883

236.9377, 0.3256,
0.3719

 2.6641, 0.3509,
0.5433

285.9381, 0.3249,

 0.9590, 0.3285,

0.3692

0.6715

341.2675, 0.3242,
0.3669

0.0000, 0.0000,
0.0000

54.3150, 0.3326,
0.4008

54.3150, 0.3326,
0.4008

52.6770, 0.3392,
0.4299

56.1435, 0.3254,
0.3728

51.2152, 0.3447,
0.4591

58.1622, 0.3180,
0.3465

49.9238, 0.3488,
0.4873


60.3800, 0.3106,
0.3221


48.7945, 0.3510,
0.5130


62.8029, 0.3033,
0.3000

47.8175, 0.3510,
0.5348


65.4368, 0.2965,
0.2799

 46.9818, 0.3486,
0.5517


 67.2968, 0.2994,
0.2756

 46.2732, 0.3442,
0.5632

 68.8887, 0.3060,
0.2767

 46.0836, 0.3428,
0.5661

 70.5625, 0.3127,
0.2778

 71.1863, 0.3151,
0.2782

Harmonies

Analogous

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



54.3150, 0.3691, 0.3978



54.3150, 0.3326, 0.4008



54.3150, 0.2923, 0.3806

Triad

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



54.3150, 0.3326, 0.4008



54.3150, 0.2396, 0.2765



54.3150, 0.3681, 0.3121

Complementary

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



54.3150, 0.3326, 0.4008



34.3710, 0.2879, 0.2564

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.



54.3150, 0.3299, 0.2844



54.3150, 0.3326, 0.4008



54.3150, 0.2567, 0.2637

Square

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



54.3150, 0.3326, 0.4008



54.3150, 0.2403, 0.3049



54.3150, 0.2890, 0.2670



54.3150, 0.3910, 0.3448

Rectangle

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



54.3150, 0.3326, 0.4008



54.3150, 0.2687, 0.3571



54.3150, 0.2890, 0.2670



54.3150, 0.3565, 0.3020

Sweetspot

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



54.3174, 0.3326, 0.4008



97.0431, 0.3187, 0.3491



44.6248, 0.3625, 0.3606



20.6574, 0.3199, 0.3530



0.0000, 0.0000, 0.0000



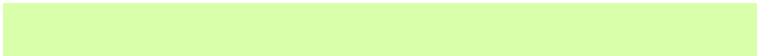
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3174, 0.3326, 0.4008



89.1835, 0.3369, 0.4192



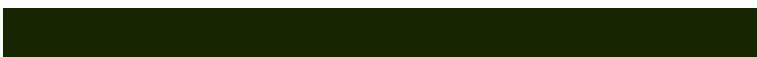
51.4010, 0.3111, 0.4057



12.8340, 0.3197, 0.3524



29.3860, 0.3437, 0.5653



1.5607, 0.3580, 0.5540

Inverse Universe

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



34.3710, 0.2879, 0.2564



49.8443, 0.2806, 0.2375



37.8066, 0.3132, 0.2617



11.0889, 0.3052, 0.3055



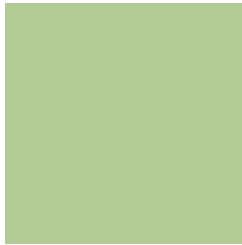
4.2456, 0.1944, 0.0844



0.2639, 0.2166, 0.0967

Previews

White Background



This preview shows how the Yxy color 54.3150, 0.3326, 0.4008 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 54.3150, 0.3326, 0.4008 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 54.3150, 0.3326, 0.4008

Background



This preview shows how black text looks on a background with the Yxy color 54.3150, 0.3326, 0.4008.



This preview shows how white text looks on a background with the Yxy color 54.3150, 0.3326, 0.4008.

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

54.3150, 0.3326, 0.4008

Protanopia

54.0071, 0.3634, 0.3899

Deuteranopia

53.6831, 0.3774, 0.3696



Tritanopia

54.2482, 0.2958, 0.3107

Trichromacy



Original Color

54.3150, 0.3326, 0.4008

Protanomaly

53.8472, 0.3522, 0.3942

Deuteranomaly

53.4566, 0.3602, 0.3802

Tritanomaly

54.1664, 0.3097, 0.3429

Monochromacy



Original Color

54.3150, 0.3326, 0.4008

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.9539, 0.3204, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3150, 0.3326, 0.4008 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(178, 203, 148)` looks like.

```
.text, #text, p{  
    color:rgb(178, 203, 148)  
}
```

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(178, 203, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 203, 148) }
```

Border

The CSS property to change the border of an element to Yxy 54.3150, 0.3326, 0.4008 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(178, 203, 148) }
```

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

```
.border{ border-color:rgb(178, 203, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 203, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 203, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 203, 148);  
box-shadow:4px 4px 4px 4px rgb(178, 203,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3150, 0.3326, 0.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 203, 148) }
```

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

```
.background{ background-color: rgb(178,  
203, 148) }
```

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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