

Converting Colors

$Yxy(54.0799, 0.3141, 0.3492)$

Have a look what the booklet for
Yxy(54.0799, 0.3141, 0.3492)
contains.

Yxy(54.0799, 0.3141, 0.3492)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.0799, 0.3141, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	B9C6B6
RGB	185, 198, 182
RGB Percent	73%, 78%, 71%
CMY	0.2746, 0.2235, 0.2862
CMYK	0.07, 0.00, 0.08, 0.22
HSL	109°, 12%, 75%
HSV	109°, 8%, 78%
XYZ	48.6440, 54.0799, 52.1441
YIQ	192.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

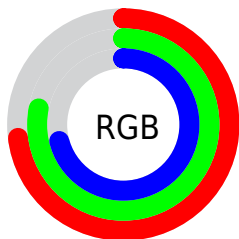
Format	Color
RYB	182, 198, 195
Decimal	12175030
CIELab	78.51, -7.42, 6.47
CIELCh	79, 9.844, 138.904
Yxy	54.0799, 0.3141, 0.3492
Android (android.graphics.Color)	4290365110 (0xFFB9C6B6)
YUV	192.2890, -5.0725, -6.3925
Hunter-Lab	73.5390, -10.6205, 9.4368

Details

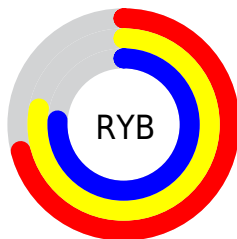
The Yxy color **54.0799, 0.3141, 0.3492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1530, 0.3112, 0.3093**, and the grayscale version is **52.9219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3938, 0.3138, 0.3458**, and **26.4370, 0.3147, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **51.4262, 0.3157, 0.3769**, and if you desaturate by 10%, it is **57.0818, 0.3124, 0.3245**.

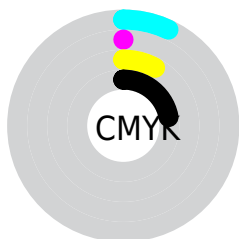
Distribution



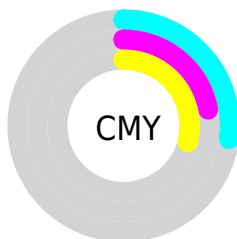
- Red (73%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)




- Cyan (27%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0799, 0.3141, 0.3492 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 54.0799, 0.3141, 0.3492 by changing the saturation by 10% instead.

 54.0799, 0.3141,
0.3492

 54.0799, 0.3141,
0.3492


402.4146, 0.3135,
0.3392

 38.6655, 0.3142,
0.3517


 96.1916, 0.3139,
0.3456

 26.4996, 0.3144,
0.3548


123.6576, 0.3138,
0.3442

 17.1978, 0.3146,
0.3589


155.9098, 0.3137,
0.3431

 10.3756, 0.3148,
0.3647

193.3323, 0.3137,
0.3421

 5.6487, 0.3150,
0.3731

236.3097, 0.3136,
0.3412

 2.6327, 0.3152,
0.3867

285.2262, 0.3136,

 0.9431, 0.3202,

0.3405

0.4228

340.4664, 0.3135,
0.3398

0.0000, 0.0000,
0.0000

54.0799, 0.3141,
0.3492

54.0799, 0.3141,
0.3492

51.4262, 0.3157,
0.3769

57.0818, 0.3124,
0.3245

49.1014, 0.3169,
0.4074

60.4367, 0.3106,
0.3026

47.0945, 0.3177,
0.4401

64.1581, 0.3088,
0.2835

45.3915, 0.3178,
0.4739

67.8490, 0.3113,
0.2725

43.9774, 0.3172,
0.5072

68.8715, 0.3153,
0.2732

■ 42.8355, 0.3156,
0.5378

■ 41.9477, 0.3131,
0.5634

■ 41.2934, 0.3099,
0.5822

■ 40.8460, 0.3064,
0.5936

Harmonies

Analogous

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



54.0799, 0.3268, 0.3520



54.0799, 0.3141, 0.3492



54.0799, 0.3013, 0.3406

Triad

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



54.0799, 0.3141, 0.3492



54.0799, 0.2900, 0.3095



54.0799, 0.3342, 0.3286

Complementary

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



54.0799, 0.3141, 0.3492



49.1530, 0.3112, 0.3093

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.



54.0799, 0.3240, 0.3178



54.0799, 0.3141, 0.3492



54.0799, 0.2985, 0.3068

Square

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



54.0799, 0.3141, 0.3492



54.0799, 0.2876, 0.3174



54.0799, 0.3109, 0.3099



54.0799, 0.3386, 0.3398

Rectangle

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



54.0799, 0.3141, 0.3492



54.0799, 0.2943, 0.3329



54.0799, 0.3109, 0.3099



54.0799, 0.3314, 0.3248

Sweetspot

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



54.0822, 0.3141, 0.3492



98.8961, 0.3131, 0.3339



54.3309, 0.3249, 0.3447



21.1794, 0.3131, 0.3337



0.0000, 0.0000, 0.0000



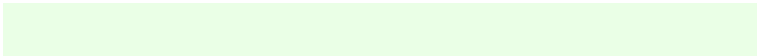
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0822, 0.3141, 0.3492



94.7345, 0.3144, 0.3547



53.9200, 0.3083, 0.3432



11.9807, 0.3143, 0.3527



26.5445, 0.3064, 0.5949



1.2863, 0.3200, 0.5842

Inverse Universe

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



49.1530, 0.3112, 0.3093



83.9118, 0.3107, 0.3041



49.3332, 0.3174, 0.3153



10.7136, 0.3109, 0.3060



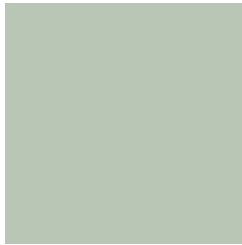
7.6383, 0.2749, 0.1288



0.3881, 0.2851, 0.1344

Previews

White Background



This preview shows how the Yxy color 54.0799, 0.3141, 0.3492 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 54.0799, 0.3141, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

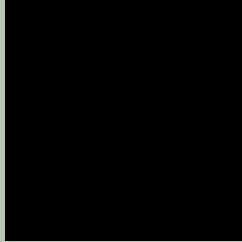
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

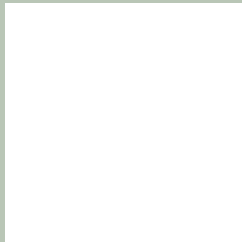
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0799, 0.3141, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 54.0799, 0.3141, 0.3492.



This preview shows how white text looks on a background with the Yxy color 54.0799, 0.3141, 0.3492.

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

54.0799, 0.3141, 0.3492

Protanopia

53.8527, 0.3292, 0.3450

Deuteranopia

53.6003, 0.3397, 0.3326



Tritanopia

54.0058, 0.2980, 0.3107

Trichromacy



Original Color

54.0799, 0.3141, 0.3492

Protanomaly

53.9685, 0.3232, 0.3464

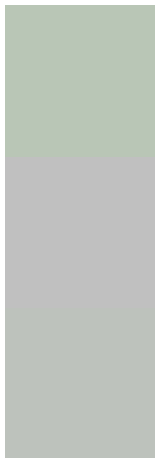
Deuteranomaly

53.6596, 0.3305, 0.3387

Tritanomaly

53.8451, 0.3043, 0.3240

Monochromacy



Original Color

54.0799, 0.3141, 0.3492

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0332, 0.3132, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0799, 0.3141, 0.3492 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(185, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(185, 198, 182)  
}
```

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(185, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 198, 182) }
```

Border

The CSS property to change the border of an element to Yxy 54.0799, 0.3141, 0.3492 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(185, 198, 182) }
```

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

```
.border{ border-color:rgb(185, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 198, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 198, 182);  
box-shadow:4px 4px 4px 4px rgb(185, 198,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0799, 0.3141, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 198, 182) }
```

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

```
.background{ background-color: rgb(185,  
198, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor