

Converting Colors

$Yxy(54.0011, 0.3270, 0.4105)$

Have a look what the booklet for
Yxy(54.0011, 0.3270, 0.4105)
contains.

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Color

Yxy(54.0011, 0.3270, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	A8CD90
RGB	168, 205, 144
RGB Percent	66%, 80%, 56%
CMY	0.3411, 0.1961, 0.4354
CMYK	0.18, 0.00, 0.30, 0.20
HSL	96°, 38%, 68%
HSV	96°, 30%, 80%
XYZ	43.0167, 54.0011, 34.5318
YIQ	186.9830, -2.4710, -26.8150

Conversions

Conversions Part 2

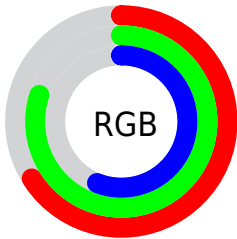
Format	Color
RYB	144, 205, 181
Decimal	11062672
CIELab	78.46, -23.28, 26.48
CIELCh	78, 35.255, 131.323
Yxy	54.0011, 0.3270, 0.4105
Android (android.graphics.Color)	4289252752 (0xFFA8CD90)
YUV	186.9830, -21.1906, -16.6481
Hunter-Lab	73.4854, -24.1097, 23.5787

Details

The Yxy color **54.0011, 0.3270, 0.4105** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1650, 0.2934, 0.2504**, and the grayscale version is **49.8096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4445, 0.3261, 0.3888**, and **26.5684, 0.3291, 0.4348** is the 20% darker color. If you saturate the color by 10%, you get **52.1335, 0.3308, 0.4414**, and if you desaturate by 10%, it is **56.1174, 0.3225, 0.3810**.

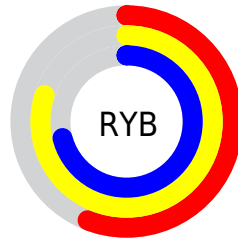
Distribution



Red (66%)

Green (80%)

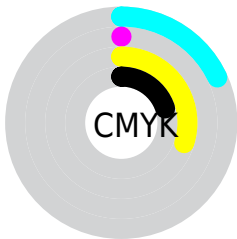
Blue (56%)



Red (56%)

Yellow (80%)

Blue (71%)

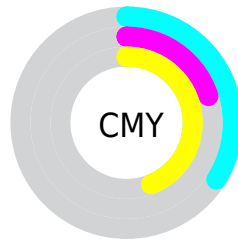


Cyan (18%)

Magenta (0%)

Yellow (30%)

Black (20%)



Cyan (34%)


Magenta (20%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0011, 0.3270, 0.4105 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 54.0011, 0.3270, 0.4105 by changing the saturation by 10% instead.

 54.0011, 0.3270,
0.4105


 54.0011, 0.3270,
0.4105


402.1142, 0.3210,
0.3692

 38.6025, 0.3281,
0.4209

 96.0759, 0.3251,
0.3954

 26.4507, 0.3293,
0.4342


 123.5209, 0.3243,
0.3898

 17.1611, 0.3304,
0.4520


155.7501, 0.3236,
0.3850

 10.3494, 0.3312,
0.4767

193.1480, 0.3230,
0.3810

 5.6312, 0.3305,
0.5128

236.0990, 0.3224,
0.3774

 2.6222, 0.3328,
0.5838

284.9874, 0.3219,

 0.9378, 0.2557,

0.3743

0.7443

340.1977, 0.3214,
0.3716

0.0000, 0.0000,
0.0000

54.0011, 0.3270,
0.4105

54.0011, 0.3270,
0.4105

52.1335, 0.3308,
0.4414

56.1174, 0.3225,
0.3810

50.4978, 0.3336,
0.4727

58.4846, 0.3176,
0.3535

49.0858, 0.3350,
0.5029


61.1137, 0.3126,
0.3284

47.8860, 0.3346,
0.5302


64.0130, 0.3076,
0.3059


46.8857, 0.3324,
0.5531


67.1902, 0.3028,
0.2857


 46.0703, 0.3283,
0.5701

 69.8573, 0.3060,
0.2788

 45.4168, 0.3231,
0.5815

 72.1369, 0.3150,
0.2801

 45.4029, 0.3230,
0.5818

 72.1426, 0.3150,
0.2801

Harmonies

Analogous

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



54.0011, 0.3708, 0.4107



54.0011, 0.3270, 0.4105



54.0011, 0.2814, 0.3827

Triad

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



54.0011, 0.3270, 0.4105



54.0011, 0.2312, 0.2646



54.0011, 0.3829, 0.3155

Complementary

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



54.0011, 0.3270, 0.4105



34.1650, 0.2934, 0.2504

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.



54.0011, 0.3406, 0.2829



54.0011, 0.3270, 0.4105



54.0011, 0.2538, 0.2538

Square

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



54.0011, 0.3270, 0.4105



54.0011, 0.2283, 0.2939



54.0011, 0.2929, 0.2608



54.0011, 0.4052, 0.3529

Rectangle

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



54.0011, 0.3270, 0.4105



54.0011, 0.2560, 0.3534



54.0011, 0.2929, 0.2608



54.0011, 0.3704, 0.3038

Sweetspot

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



54.0034, 0.3270, 0.4105



96.0666, 0.3173, 0.3518



47.8736, 0.3654, 0.3749



20.4333, 0.3180, 0.3557



0.0000, 0.0000, 0.0000



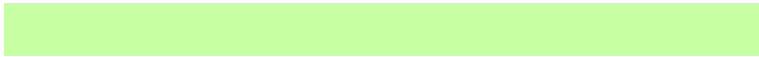
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0034, 0.3270, 0.4105



86.3659, 0.3297, 0.4311



51.7944, 0.3047, 0.4063



12.7490, 0.3174, 0.3525



28.3167, 0.3240, 0.5809



1.5045, 0.3398, 0.5684

Inverse Universe

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



34.1650, 0.2934, 0.2504



48.5174, 0.2878, 0.2314



37.0376, 0.3218, 0.2623



11.1745, 0.3076, 0.3057



5.4775, 0.2252, 0.1014



0.3258, 0.2438, 0.1117

Previews

White Background



This preview shows how the Yxy color 54.0011, 0.3270, 0.4105 looks on a white background.

Color Contrast Check

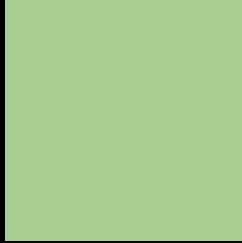
Large Text (above 18pt) WCAG AA × Fail

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 54.0011, 0.3270, 0.4105 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 54.0011, 0.3270, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 54.0011, 0.3270, 0.4105.



This preview shows how white text looks on a background with the Yxy color 54.0011, 0.3270, 0.4105.

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

54.0011, 0.3270, 0.4105

Protanopia

53.4139, 0.3677, 0.3949

Deuteranopia

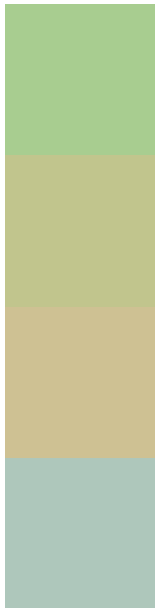
53.5868, 0.3800, 0.3730



Tritanopia

53.6983, 0.2878, 0.3091

Trichromacy



Original Color

54.0011, 0.3270, 0.4105

Protanomaly

53.1930, 0.3517, 0.4001

Deuteranomaly

53.3683, 0.3597, 0.3855

Tritanomaly

53.4334, 0.3020, 0.3444

Monochromacy



Original Color

54.0011, 0.3270, 0.4105

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.2271, 0.3186, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0011, 0.3270, 0.4105 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(168, 205, 144)` looks like.

```
.text, #text, p{  
    color:rgb(168, 205, 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(168, 205, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 205, 144) }
```

Border

The CSS property to change the border of an element to Yxy 54.0011, 0.3270, 0.4105 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(168, 205, 144) }
```

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

```
.border{ border-color:rgb(168, 205, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 205, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 205, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 205, 144);  
box-shadow:4px 4px 4px 4px rgb(168, 205,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0011, 0.3270, 0.4105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 205, 144) }
```

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

```
.background{ background-color: rgb(168,  
205, 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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