

Converting Colors

Yxy(54.5182, 0.3298, 0.4158)

Have a look what the booklet for
Yxy(54.5182, 0.3298, 0.4158)
contains.

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Color

Yxy(54.5007, 0.3296, 0.4155)

Conversions

Conversions Part 1

Format	Color
Hex	A9CE8D
RGB	169, 206, 141
RGB Percent	66%, 81%, 55%
CMY	0.3374, 0.1921, 0.4471
CMYK	0.18, 0.00, 0.32, 0.19
HSL	94°, 40%, 68%
HSV	94°, 32%, 81%
XYZ	43.2333, 54.5007, 33.4350
YIQ	187.5270, -1.1870, -28.0590

Conversions

Conversions Part 2

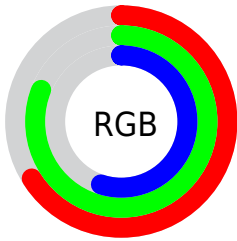
Format	Color
RYB	141, 206, 178
Decimal	11128461
CIELab	78.75, -23.89, 28.44
CIElCh	79, 37.138, 130.031
Yxy	54.5007, 0.3296, 0.4155
Android (android.graphics.Color)	4289318541 (0xFFA9CE8D)
YUV	187.5270, -22.9378, -16.2482
Hunter-Lab	73.8246, -24.6595, 24.8249

Details

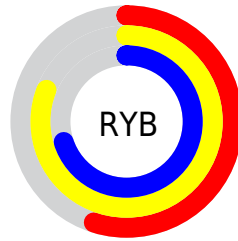
The Yxy color **54.5007, 0.3296, 0.4155** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.9739, 0.2898, 0.2448**, and the grayscale version is **50.1363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4677, 0.3285, 0.3919**, and **26.9077, 0.3325, 0.4412** is the 20% darker color. If you saturate the color by 10%, you get **52.7054, 0.3338, 0.4462**, and if you desaturate by 10%, it is **56.5314, 0.3246, 0.3859**.

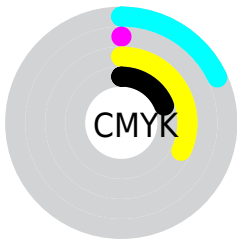
Distribution



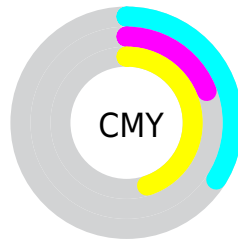
- Red (66%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)



- Cyan (34%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5007, 0.3296, 0.4155 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 54.5007, 0.3296, 0.4155 by changing the saturation by 10% instead.


 54.5007, 0.3296,
0.4155


 54.5007, 0.3296,
0.4155


404.0165, 0.3225,
0.3718


 39.0021, 0.3309,
0.4265


 96.8090, 0.3273,
0.3995

 26.7614, 0.3323,
0.4406


 124.3875, 0.3264,
0.3936

 17.3941, 0.3337,
0.4592


 156.7615, 0.3256,
0.3885

 10.5159, 0.3347,
0.4851


194.3152, 0.3248,
0.3842

 5.7423, 0.3341,
0.5226

237.4332, 0.3241,
0.3805

 2.6890, 0.3388,
0.6003

286.4998, 0.3235,

 0.9716, 0.2580,

0.3772

0.7420

341.8994, 0.3230,
0.3743

0.0000, 0.0000,
0.0000

54.5007, 0.3296,
0.4155

54.5007, 0.3296,
0.4155

52.7054, 0.3338,
0.4462

56.5314, 0.3246,
0.3859

51.1290, 0.3369,
0.4769

58.7992, 0.3192,
0.3582

49.7638, 0.3385,
0.5061


61.3148, 0.3136,
0.3328


48.5986, 0.3382,
0.5322


64.0860, 0.3080,
0.3097


47.6211, 0.3359,
0.5537

67.1202, 0.3027,
0.2890

 46.8170, 0.3316,
0.5693

 69.7910, 0.3038,
0.2795

 46.2546, 0.3271,
0.5785

 71.9060, 0.3122,
0.2807

 72.6302, 0.3150,
0.2811

Harmonies

Analogous

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



54.5007, 0.3751, 0.4141



54.5007, 0.3296, 0.4155



54.5007, 0.2816, 0.3874

Triad

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



54.5007, 0.3296, 0.4155



54.5007, 0.2269, 0.2624



54.5007, 0.3849, 0.3131

Complementary

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



54.5007, 0.3296, 0.4155



32.9739, 0.2898, 0.2448

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.



54.5007, 0.3397, 0.2795



54.5007, 0.3296, 0.4155



54.5007, 0.2496, 0.2505

Square

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



54.5007, 0.3296, 0.4155



54.5007, 0.2248, 0.2937



54.5007, 0.2898, 0.2571



54.5007, 0.4094, 0.3520

Rectangle

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



54.5007, 0.3296, 0.4155



54.5007, 0.2547, 0.3567



54.5007, 0.2898, 0.2571



54.5007, 0.3714, 0.3010

Sweetspot

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



54.5031, 0.3296, 0.4155



96.2122, 0.3178, 0.3518



46.8228, 0.3699, 0.3753



20.4691, 0.3186, 0.3556



0.0000, 0.0000, 0.0000



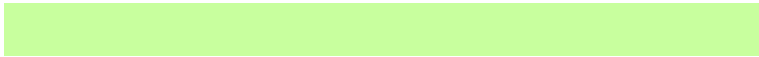
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5031, 0.3296, 0.4155



86.2406, 0.3326, 0.4366



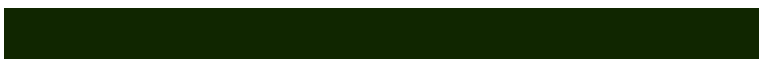
51.8662, 0.3056, 0.4150



12.7689, 0.3180, 0.3525



28.5321, 0.3282, 0.5776



1.5164, 0.3439, 0.5652

Inverse Universe

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



32.9739, 0.2898, 0.2448



45.9025, 0.2833, 0.2248



36.4195, 0.3204, 0.2559



11.1542, 0.3070, 0.3057



5.1482, 0.2174, 0.0971



0.3099, 0.2371, 0.1080

Previews

White Background



This preview shows how the Yxy color 54.5007, 0.3296, 0.4155 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 54.5007, 0.3296, 0.4155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

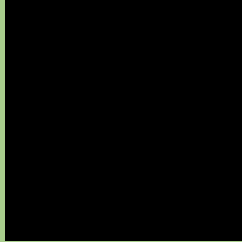
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5007, 0.3296, 0.4155

Background



This preview shows how black text looks on a background with the Yxy color 54.5007, 0.3296, 0.4155.



This preview shows how white text looks on a background with the Yxy color 54.5007, 0.3296, 0.4155.

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

54.5007, 0.3296, 0.4155

Protanopia

54.0628, 0.3715, 0.3991

Deuteranopia

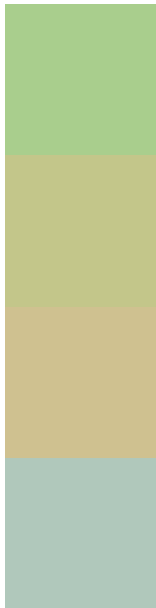
53.8202, 0.3843, 0.3762



Tritanopia

54.4399, 0.2886, 0.3093

Trichromacy



Original Color

54.5007, 0.3296, 0.4155

Protanomaly

53.8252, 0.3554, 0.4045

Deuteranomaly

53.4189, 0.3629, 0.3890

Tritanomaly

54.1265, 0.3035, 0.3456

Monochromacy



Original Color

54.5007, 0.3296, 0.4155

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.7942, 0.3193, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5007, 0.3296, 0.4155 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(169, 206, 141)` looks like.

```
.text, #text, p{  
    color:rgb(169, 206, 141)  
}
```

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(169, 206, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 206, 141) }
```

Border

The CSS property to change the border of an element to Yxy 54.5007, 0.3296, 0.4155 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(169, 206, 141) }
```

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

```
.border{ border-color:rgb(169, 206, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 206, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 206, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 206, 141);  
box-shadow:4px 4px 4px 4px rgb(169, 206,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5007, 0.3296, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 206, 141) }
```

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

```
.background{ background-color: rgb(169,  
206, 141) }
```

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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