

Converting Colors

Yxy(54.5179, 0.3199, 0.4320)

Have a look what the booklet for
Yxy(54.5179, 0.3199, 0.4320)
contains.

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Color

Yxy(54.5179, 0.3199, 0.4320)

Conversions

Conversions Part 1

Format	Color
Hex	98D287
RGB	152, 210, 135
RGB Percent	60%, 82%, 53%
CMY	0.4038, 0.1765, 0.4707
CMYK	0.28, 0.00, 0.36, 0.18
HSL	106°, 45%, 68%
HSV	106°, 36%, 82%
XYZ	40.3710, 54.5179, 31.3099
YIQ	184.1080, -10.4930, -35.6210

Conversions

Conversions Part 2

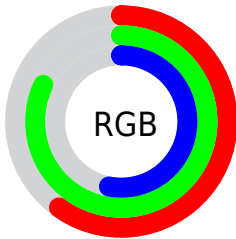
Format	Color
RYB	135, 210, 193
Decimal	10015367
CIELab	78.76, -32.61, 31.37
CIElCh	79, 45.253, 136.107
Yxy	54.5179, 0.3199, 0.4320
Android (android.graphics.Color)	4288205447 (0xFF98D287)
YUV	184.1080, -24.2102, -28.1587
Hunter-Lab	73.8362, -31.6160, 26.5437

Details

The Yxy color **54.5179, 0.3199, 0.4320** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.3086, 0.3003, 0.2366**, and the grayscale version is **48.1392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6040, 0.3210, 0.4008**, and **26.7354, 0.3196, 0.4627** is the 20% darker color. If you saturate the color by 10%, you get **52.5253, 0.3207, 0.4653**, and if you desaturate by 10%, it is **56.8462, 0.3184, 0.4000**.

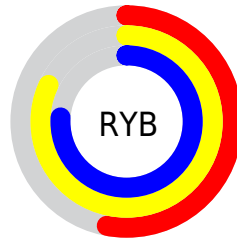
Distribution



Red (60%)

Green (82%)

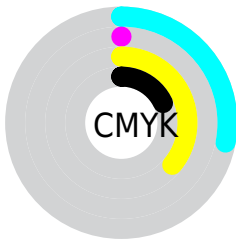
Blue (53%)



Red (53%)

Yellow (82%)

Blue (76%)

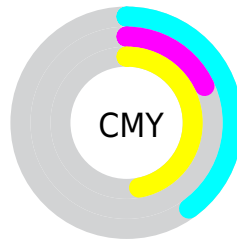


Cyan (28%)

Magenta (0%)

Yellow (36%)

Black (18%)



Cyan (40%)


Magenta (18%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5179, 0.3199, 0.4320 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 54.5179, 0.3199, 0.4320 by changing the saturation by 10% instead.


 54.5179, 0.3199,
0.4320


 54.5179, 0.3199,
0.4320


404.0819, 0.3180,
0.3793


 39.0159, 0.3198,
0.4454


 96.8342, 0.3197,
0.4127

 26.7721, 0.3193,
0.4626


 124.4173, 0.3194,
0.4055

 17.4021, 0.3179,
0.4856


 156.7963, 0.3192,
0.3994

 10.5216, 0.3148,
0.5174

194.3554, 0.3189,
0.3942

 5.7461, 0.3076,
0.5640

237.4791, 0.3187,
0.3897

 2.6913, 0.3074,
0.6755

286.5518, 0.3185,

 0.9728, 0.1146,

0.3858

0.8854

341.9580, 0.3183,
0.3824

0.0000, 0.0000,
0.0000

54.5179, 0.3199,
0.4320

54.5179, 0.3199,
0.4320

52.5253, 0.3207,
0.4653

56.8462, 0.3184,
0.4000

50.8457, 0.3207,
0.4985

59.5175, 0.3164,
0.3702

49.4648, 0.3195,
0.5295


62.5479, 0.3141,
0.3432


48.3639, 0.3172,
0.5562

65.9502, 0.3117,
0.3190

47.5222, 0.3139,
0.5765

69.7366, 0.3092,
0.2977

 46.9156, 0.3098,
0.5895

 73.5273, 0.3108,
0.2845

 46.7149, 0.3081,
0.5935

 74.5736, 0.3148,
0.2851

Harmonies

Analogous

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



54.5179, 0.3770, 0.4356



54.5179, 0.3199, 0.4320



54.5179, 0.2638, 0.3904

Triad

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



54.5179, 0.3199, 0.4320



54.5179, 0.2138, 0.2438



54.5179, 0.4095, 0.3181

Complementary

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



54.5179, 0.3199, 0.4320



33.3086, 0.3003, 0.2366

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.



54.5179, 0.3575, 0.2768



54.5179, 0.3199, 0.4320



54.5179, 0.2449, 0.2353

Square

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



54.5179, 0.3199, 0.4320



54.5179, 0.2062, 0.2757



54.5179, 0.2962, 0.2475



54.5179, 0.4323, 0.3643

Rectangle

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



54.5179, 0.3199, 0.4320



54.5179, 0.2344, 0.3499



54.5179, 0.2962, 0.2475



54.5179, 0.3946, 0.3034

Sweetspot

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



54.5202, 0.3199, 0.4320



94.4412, 0.3153, 0.3574



53.3684, 0.3728, 0.3987



20.0781, 0.3157, 0.3612



0.0000, 0.0000, 0.0000



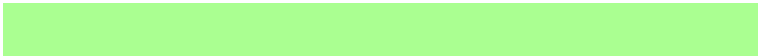
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5202, 0.3199, 0.4320



82.1501, 0.3206, 0.4578



53.6093, 0.2954, 0.4066



13.3339, 0.3150, 0.3528



28.5327, 0.3089, 0.5929



1.6319, 0.3220, 0.5825

Inverse Universe

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



33.3086, 0.3003, 0.2366



44.4160, 0.2966, 0.2164



34.7426, 0.3365, 0.2625



11.8680, 0.3102, 0.3058



7.5895, 0.2644, 0.1230



0.4583, 0.2753, 0.1290

Previews

White Background



This preview shows how the Yxy color 54.5179, 0.3199, 0.4320 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 54.5179, 0.3199, 0.4320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

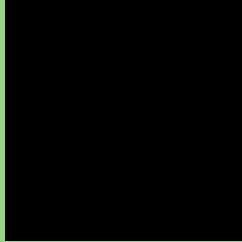
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5179, 0.3199, 0.4320

Background



This preview shows how black text looks on a background with the Yxy color 54.5179, 0.3199, 0.4320.

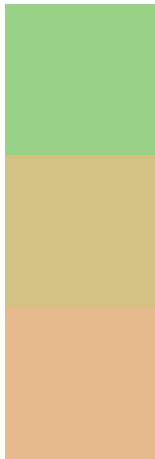


This preview shows how white text looks on a background with the Yxy color 54.5179, 0.3199, 0.4320.

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

54.5179, 0.3199, 0.4320

Protanopia

54.0174, 0.3777, 0.4071

Deuteranopia

53.8343, 0.3894, 0.3816



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.5179, 0.3199, 0.4320



Protanomaly

53.8944, 0.3556, 0.4167



Deuteranomaly

53.4217, 0.3625, 0.3996



Tritanomaly

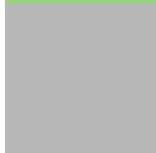
54.3507, 0.2925, 0.3513

Monochromacy



Original Color

54.5179, 0.3199, 0.4320



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.6638, 0.3159, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5179, 0.3199, 0.4320 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(152, 210, 135)` looks like.

```
.text, #text, p{  
    color:rgb(152, 210, 135)  
}
```

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(152, 210, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 210, 135) }
```

Border

The CSS property to change the border of an element to Yxy 54.5179, 0.3199, 0.4320 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(152, 210, 135) }
```

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

```
.border{ border-color:rgb(152, 210, 135) }
```

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

Here you see how a box with a 4 pixel rgb(152, 210, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 210, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 210, 135);  
box-shadow:4px 4px 4px 4px rgb(152, 210,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5179, 0.3199, 0.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 210, 135) }
```

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

```
.background{ background-color: rgb(152,  
210, 135) }
```

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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