

Converting Colors

Yxy(54.6409, 0.3125, 0.4109)

Have a look what the booklet for
Yxy(54.6409, 0.3125, 0.4109)
contains.

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Color

Yxy(54.6409, 0.3125, 0.4109)

Conversions

Conversions Part 1

Format	Color
Hex	9AD195
RGB	154, 209, 149
RGB Percent	60%, 82%, 58%
CMY	0.3959, 0.1804, 0.4158
CMYK	0.26, 0.00, 0.29, 0.18
HSL	115°, 39%, 70%
HSV	115°, 29%, 82%
XYZ	41.5558, 54.6409, 36.7819
YIQ	185.7150, -13.5200, -30.3200

Conversions

Conversions Part 2

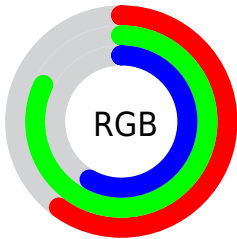
Format	Color
RYB	149, 209, 204
Decimal	10146197
CIELab	78.83, -29.28, 24.22
CIELCh	79, 37.994, 140.404
Yxy	54.6409, 0.3125, 0.4109
Android (android.graphics.Color)	4288336277 (0xFF9AD195)
YUV	185.7150, -18.1005, -27.8141
Hunter-Lab	73.9195, -29.0106, 22.2413

Details

The Yxy color **54.6409, 0.3125, 0.4109** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9216, 0.3113, 0.2571**, and the grayscale version is **49.0483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3871, 0.3138, 0.3851**, and **26.7597, 0.3105, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **52.3033, 0.3119, 0.4448**, and if you desaturate by 10%, it is **57.4023, 0.3128, 0.3795**.

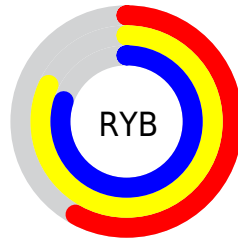
Distribution



Red (60%)

Green (82%)

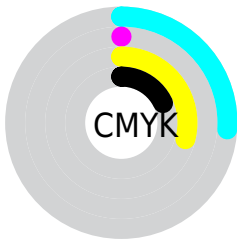
Blue (58%)



Red (58%)

Yellow (82%)

Blue (80%)

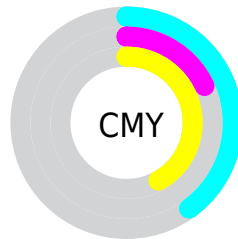


Cyan (26%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (40%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6409, 0.3125, 0.4109 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 54.6409, 0.3125, 0.4109 by changing the saturation by 10% instead.


 54.6409, 0.3125,
0.4109


 54.6409, 0.3125,
0.4109


404.5493, 0.3136,
0.3692

 39.1143, 0.3119,
0.4215


 97.0146, 0.3132,
0.3956

 26.8486, 0.3109,
0.4351


 124.6305, 0.3133,
0.3899

 17.4596, 0.3092,
0.4534


157.0450, 0.3135,
0.3851

 10.5627, 0.3062,
0.4791

194.6424, 0.3135,
0.3810

 5.7736, 0.3003,
0.5173

237.8071, 0.3136,
0.3774

 2.7079, 0.2901,
0.5851

286.9236, 0.3136,

 0.9812, 0.1796,

0.3744

0.8204

342.3761, 0.3136,
0.3716

0.0000, 0.0000,
0.0000

54.6409, 0.3125,
0.4109

54.6409, 0.3125,
0.4109

52.3033, 0.3119,
0.4448

57.4023, 0.3128,
0.3795

50.3621, 0.3109,
0.4798

60.5998, 0.3128,
0.3511

48.7972, 0.3096,
0.5141

64.2536, 0.3127,
0.3260

47.5841, 0.3078,
0.5452

68.3807, 0.3124,
0.3040

46.6955, 0.3058,
0.5705

72.9972, 0.3121,
0.2850

■ 46.0996, 0.3037,
0.5881

■ 74.0800, 0.3148,
0.2841

■ 45.7553, 0.3018,
0.5977

■ 45.7249, 0.3017,
0.5987

Harmonies

Analogous

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



54.6409, 0.3615, 0.4198



54.6409, 0.3125, 0.4109



54.6409, 0.2659, 0.3732

Triad

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



54.6409, 0.3125, 0.4109



54.6409, 0.2309, 0.2545



54.6409, 0.3983, 0.3261

Complementary

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



54.6409, 0.3125, 0.4109



38.9216, 0.3113, 0.2571

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.



54.6409, 0.3577, 0.2893



54.6409, 0.3125, 0.4109



54.6409, 0.2607, 0.2492

Square

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



54.6409, 0.3125, 0.4109



54.6409, 0.2213, 0.2796



54.6409, 0.3064, 0.2620



54.6409, 0.4135, 0.3660

Rectangle

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



54.6409, 0.3125, 0.4109



54.6409, 0.2421, 0.3396



54.6409, 0.3064, 0.2620



54.6409, 0.3870, 0.3132

Sweetspot

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



54.6432, 0.3125, 0.4109



94.8387, 0.3128, 0.3521



58.4346, 0.3576, 0.3937



20.1328, 0.3128, 0.3561



0.0000, 0.0000, 0.0000



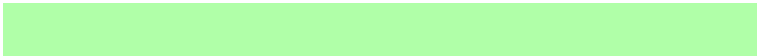
21.4041, 0.3127, 0.3290

Same Dimension

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



54.6432, 0.3125, 0.4109



83.5425, 0.3122, 0.4299



55.0046, 0.2934, 0.3777



13.2532, 0.3128, 0.3529



28.2110, 0.3021, 0.5984



1.5943, 0.3085, 0.5932

Inverse Universe

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



38.9216, 0.3113, 0.2571



55.2368, 0.3108, 0.2428



38.5466, 0.3386, 0.2850



11.9563, 0.3125, 0.3060



9.7200, 0.3000, 0.1426



0.5587, 0.3041, 0.1449

Previews

White Background



This preview shows how the Yxy color 54.6409, 0.3125, 0.4109 looks on a white background.

Color Contrast Check

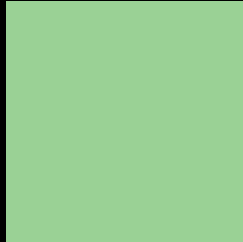
Large Text (above 18pt) WCAG AA × Fail

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 54.6409, 0.3125, 0.4109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

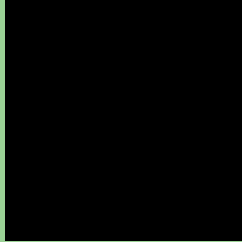
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6409, 0.3125, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 54.6409, 0.3125, 0.4109.



This preview shows how white text looks on a background with the Yxy color 54.6409, 0.3125, 0.4109.

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

54.6409, 0.3125, 0.4109

Protanopia

54.0919, 0.3659, 0.3922

Deuteranopia

54.2046, 0.3745, 0.3672



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.6409, 0.3125, 0.4109

Protanomaly

53.7100, 0.3448, 0.3980

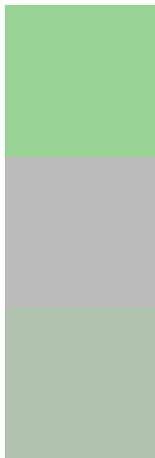
Deuteranomaly

53.5766, 0.3499, 0.3826

Tritanomaly

54.1990, 0.2899, 0.3433

Monochromacy



Original Color

54.6409, 0.3125, 0.4109

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.5994, 0.3122, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6409, 0.3125, 0.4109 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(154, 209, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 209, 149)  
}
```

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(154, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 209, 149) }
```

Border

The CSS property to change the border of an element to Yxy 54.6409, 0.3125, 0.4109 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(154, 209, 149) }
```

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

```
.border{ border-color:rgb(154, 209, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 209, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 209, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 209, 149); box-shadow:4px 4px 4px 4px rgb(154, 209, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6409, 0.3125, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 209, 149) }
```

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

```
.background{ background-color: rgb(154,  
209, 149) }
```

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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