

Converting Colors

Yxy(51.4089, 0.3120, 0.3922)

Have a look what the booklet for
Yxy(51.4089, 0.3120, 0.3922)
contains.

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Color

Yxy(51.4089, 0.3120, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	9EC99B
RGB	158, 201, 155
RGB Percent	62%, 79%, 61%
CMY	0.3806, 0.2117, 0.3922
CMYK	0.21, 0.00, 0.23, 0.21
HSL	116°, 30%, 70%
HSV	116°, 23%, 79%
XYZ	40.8964, 51.4089, 38.7730
YIQ	182.8990, -10.8620, -23.4220

Conversions

Conversions Part 2

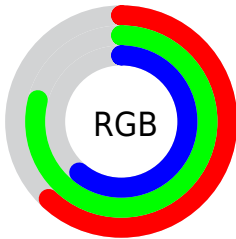
Format	Color
RYB	155, 201, 198
Decimal	10406299
CIELab	76.93, -23.07, 18.46
CIELCh	77, 29.545, 141.338
Yxy	51.4089, 0.3120, 0.3922
Android (android.graphics.Color)	4288596379 (0xFF9EC99B)
YUV	182.8990, -13.7542, -21.8364
Hunter-Lab	71.7000, -23.6617, 18.1280

Details

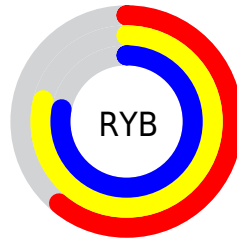
The Yxy color **51.4089, 0.3120, 0.3922** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.6697, 0.3126, 0.2722**, and the grayscale version is **47.3732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3193, 0.3123, 0.3769**, and **24.9311, 0.3109, 0.4106** is the 20% darker color. If you saturate the color by 10%, you get **49.0282, 0.3113, 0.4248**, and if you desaturate by 10%, it is **54.1982, 0.3124, 0.3625**.

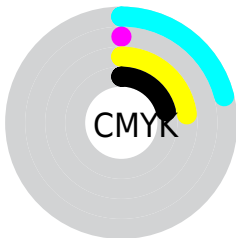
Distribution



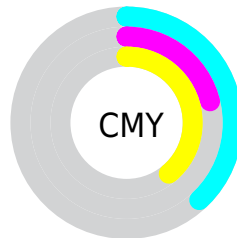
- Red (62%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (78%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)





- Cyan (38%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4089, 0.3120, 0.3922 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 51.4089, 0.3120, 0.3922 by changing the saturation by 10% instead.

 51.4089, 0.3120,
0.3922


 51.4089, 0.3120,
0.3922


392.1504, 0.3130,
0.3600

 36.5341, 0.3116,
0.4004


 92.2589, 0.3125,
0.3803

 24.8470, 0.3109,
0.4111


 119.0029, 0.3126,
0.3759

 15.9631, 0.3097,
0.4255


150.4722, 0.3127,
0.3722

 9.4980, 0.3077,
0.4458

187.0510, 0.3128,
0.3690

 5.0674, 0.3038,
0.4767

229.1239, 0.3129,
0.3663

 2.2869, 0.2960,
0.5302

277.0751, 0.3129,

 0.7668, 0.1776,

0.3639

0.8224

331.2892, 0.3129,
0.3618

0.0000, 0.0000,
0.0000

51.4089, 0.3120,
0.3922

51.4089, 0.3120,
0.3922

49.0282, 0.3113,
0.4248

54.1982, 0.3124,
0.3625

47.0308, 0.3103,
0.4595

57.4070, 0.3127,
0.3360

45.3986, 0.3091,
0.4946

61.0542, 0.3128,
0.3129

44.1093, 0.3075,
0.5280

65.1553, 0.3127,
0.2927

43.1386, 0.3057,
0.5570

69.6930, 0.3130,
0.2758

■ 42.4585, 0.3039,
0.5793

■ 70.2601, 0.3152,
0.2762

■ 42.0364, 0.3021,
0.5933

■ 41.8653, 0.3013,
0.5990

Harmonies

Analogous

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



51.4089, 0.3511, 0.4009



51.4089, 0.3120, 0.3922



51.4089, 0.2746, 0.3626

Triad

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



51.4089, 0.3120, 0.3922



51.4089, 0.2472, 0.2689



51.4089, 0.3811, 0.3285

Complementary

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



51.4089, 0.3120, 0.3922



39.6697, 0.3126, 0.2722

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.



51.4089, 0.3498, 0.2980



51.4089, 0.3120, 0.3922



51.4089, 0.2722, 0.2645

Square

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



51.4089, 0.3120, 0.3922



51.4089, 0.2388, 0.2894



51.4089, 0.3094, 0.2751



51.4089, 0.3926, 0.3609

Rectangle

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



51.4089, 0.3120, 0.3922



51.4089, 0.2555, 0.3367



51.4089, 0.3094, 0.2751



51.4089, 0.3725, 0.3178

Sweetspot

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



51.4111, 0.3120, 0.3922



95.8724, 0.3126, 0.3468



55.1494, 0.3477, 0.3821



20.4482, 0.3126, 0.3484



0.0000, 0.0000, 0.0000



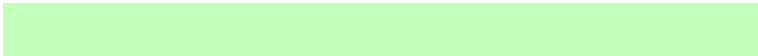
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4111, 0.3120, 0.3922



86.0945, 0.3117, 0.4065



51.8403, 0.2961, 0.3643



11.9200, 0.3125, 0.3528



26.3334, 0.3016, 0.5987



1.2585, 0.3072, 0.5943

Inverse Universe

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



39.6697, 0.3126, 0.2722



62.8291, 0.3125, 0.2608



39.1983, 0.3337, 0.2962



10.7805, 0.3128, 0.3062



9.3929, 0.3050, 0.1454



0.4555, 0.3085, 0.1473

Previews

White Background



This preview shows how the Yxy color 51.4089, 0.3120, 0.3922 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 51.4089, 0.3120, 0.3922 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 51.4089, 0.3120, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 51.4089, 0.3120, 0.3922.



This preview shows how white text looks on a background with the Yxy color 51.4089, 0.3120, 0.3922.

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

51.4089, 0.3120, 0.3922

Protanopia

50.9826, 0.3548, 0.3792

Deuteranopia

50.8645, 0.3638, 0.3566



Tritanopia

51.4025, 0.2817, 0.3098

Trichromacy



Original Color

51.4089, 0.3120, 0.3922

Protanomaly

50.6886, 0.3382, 0.3838

Deuteranomaly

50.5996, 0.3431, 0.3684

Tritanomaly

51.4991, 0.2931, 0.3395

Monochromacy



Original Color

51.4089, 0.3120, 0.3922

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.8427, 0.3125, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4089, 0.3120, 0.3922 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(158, 201, 155)` looks like.

```
.text, #text, p{  
    color:rgb(158, 201, 155)  
}
```

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(158, 201, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 201, 155) }
```

Border

The CSS property to change the border of an element to Yxy 51.4089, 0.3120, 0.3922 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(158, 201, 155) }
```

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

```
.border{ border-color:rgb(158, 201, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 201, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 201, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 201, 155);  
box-shadow:4px 4px 4px 4px rgb(158, 201,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4089, 0.3120, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 201, 155) }
```

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

```
.background{ background-color: rgb(158,  
201, 155) }
```

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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