

Converting Colors

Yxy(53.9066, 0.3123, 0.3933)

Have a look what the booklet for
Yxy(53.9066, 0.3123, 0.3933)
contains.

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Color

Yxy(53.7083, 0.3120, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	A1CD9E
RGB	161, 205, 158
RGB Percent	63%, 80%, 62%
CMY	0.3685, 0.1961, 0.3804
CMYK	0.21, 0.00, 0.23, 0.20
HSL	116°, 32%, 71%
HSV	116°, 23%, 80%
XYZ	42.7038, 53.7083, 40.4592
YIQ	186.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

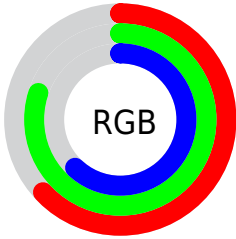
Format	Color
RYB	158, 205, 202
Decimal	10603934
CIELab	78.29, -23.47, 18.79
CIELCh	78, 30.066, 141.331
Yxy	53.7083, 0.3120, 0.3924
Android (android.graphics.Color)	4288794014 (0xFFA1CD9E)
YUV	186.4860, -14.0436, -22.3512
Hunter-Lab	73.2859, -24.2382, 18.5678

Details

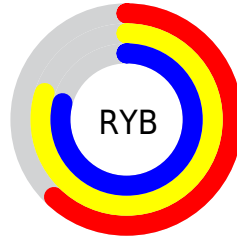
The Yxy color **53.7083, 0.3120, 0.3924** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4103, 0.3126, 0.2720**, and the grayscale version is **49.4780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9230, 0.3125, 0.3734**, and **26.3620, 0.3107, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **51.2202, 0.3113, 0.4251**, and if you desaturate by 10%, it is **56.6243, 0.3124, 0.3626**.

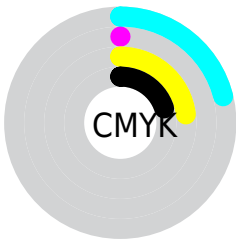
Distribution



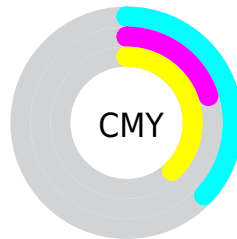
- Red (63%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (79%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7083, 0.3120, 0.3924 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 53.7083, 0.3120, 0.3924 by changing the saturation by 10% instead.


 53.7083, 0.3120,
0.3924

 53.7083, 0.3120,
0.3924


400.9967, 0.3130,
0.3603

 38.3685, 0.3116,
0.4005


 95.6458, 0.3125,
0.3806

 26.2688, 0.3109,
0.4110


 123.0123, 0.3126,
0.3763

 17.0249, 0.3098,
0.4251


155.1565, 0.3127,
0.3726

 10.2522, 0.3079,
0.4448

192.4628, 0.3128,
0.3694

 5.5665, 0.3042,
0.4744

235.3156, 0.3129,
0.3666

 2.5833, 0.2961,
0.5233

284.0992, 0.3129,

 0.9183, 0.2459,

0.3643

0.7541

339.1981, 0.3129,
0.3622

0.0000, 0.0000,
0.0000

53.7083, 0.3120,
0.3924

53.7083, 0.3120,
0.3924

51.2202, 0.3113,
0.4251

56.6243, 0.3124,
0.3626

49.1335, 0.3103,
0.4598

59.9797, 0.3127,
0.3361

47.4291, 0.3091,
0.4950

63.7942, 0.3128,
0.3129

46.0838, 0.3075,
0.5284

68.0841, 0.3127,
0.2928

45.0718, 0.3057,
0.5574

72.1425, 0.3150,
0.2801

■ 44.3638, 0.3038,
0.5795

■ 43.9257, 0.3021,
0.5934

■ 43.7498, 0.3012,
0.5990

Harmonies

Analogous

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



53.7083, 0.3513, 0.4011



53.7083, 0.3120, 0.3924



53.7083, 0.2745, 0.3627

Triad

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



53.7083, 0.3120, 0.3924



53.7083, 0.2470, 0.2688



53.7083, 0.3813, 0.3285

Complementary

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



53.7083, 0.3120, 0.3924



41.4103, 0.3126, 0.2720

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.



53.7083, 0.3499, 0.2979



53.7083, 0.3120, 0.3924



53.7083, 0.2721, 0.2643

Square

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



53.7083, 0.3120, 0.3924



53.7083, 0.2386, 0.2893



53.7083, 0.3093, 0.2750



53.7083, 0.3929, 0.3610

Rectangle

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



53.7083, 0.3120, 0.3924



53.7083, 0.2553, 0.3367



53.7083, 0.3093, 0.2750



53.7083, 0.3726, 0.3178

Sweetspot

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



53.7106, 0.3120, 0.3924



95.8727, 0.3126, 0.3468



57.6255, 0.3478, 0.3822



20.4483, 0.3126, 0.3484



0.0000, 0.0000, 0.0000



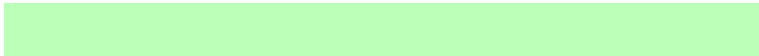
21.4041, 0.3127, 0.3290

Same Dimension

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



53.7106, 0.3120, 0.3924



85.6819, 0.3117, 0.4098



54.1596, 0.2961, 0.3644



12.5709, 0.3125, 0.3529



27.2507, 0.3016, 0.5988



1.4182, 0.3069, 0.5945

Inverse Universe

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



41.4103, 0.3126, 0.2720



61.7313, 0.3124, 0.2583



40.9171, 0.3337, 0.2961



11.3655, 0.3128, 0.3061



9.7176, 0.3049, 0.1453



0.5127, 0.3082, 0.1472

Previews

White Background



This preview shows how the Yxy color 53.7083, 0.3120, 0.3924 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 53.7083, 0.3120, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

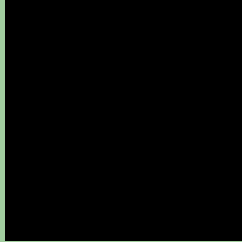
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7083, 0.3120, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 53.7083, 0.3120, 0.3924.



This preview shows how white text looks on a background with the Yxy color 53.7083, 0.3120, 0.3924.

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

53.7083, 0.3120, 0.3924

Protanopia

53.3861, 0.3548, 0.3795

Deuteranopia

53.4144, 0.3645, 0.3572



Tritanopia

53.7383, 0.2815, 0.3101

Trichromacy



Original Color

53.7083, 0.3120, 0.3924

Protanomaly

53.0844, 0.3385, 0.3841

Deuteranomaly

52.9925, 0.3433, 0.3689

Tritanomaly

53.8390, 0.2927, 0.3393

Monochromacy



Original Color

53.7083, 0.3120, 0.3924

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.6216, 0.3125, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7083, 0.3120, 0.3924 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(161, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 205, 158)  
}
```

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(161, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 205, 158) }
```

Border

The CSS property to change the border of an element to Yxy 53.7083, 0.3120, 0.3924 is called "border". The border property can be set on classes, ids or directly on the HTML element.

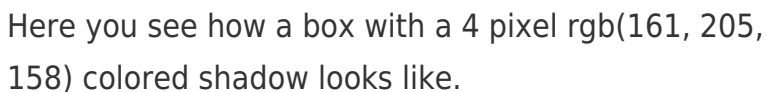
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 205, 158) }
```

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

```
.border{ border-color:rgb(161, 205, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(161, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(161, 205,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7083, 0.3120, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 205, 158) }
```

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

```
.background{ background-color: rgb(161,  
205, 158) }
```

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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