

Converting Colors

Yxy(54.8584, 0.3011, 0.4000)

Have a look what the booklet for
Yxy(54.8584, 0.3011, 0.4000)
contains.

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Color

Yxy(54.7994, 0.3010, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	93D29F
RGB	147, 210, 159
RGB Percent	58%, 82%, 62%
CMY	0.4235, 0.1765, 0.3764
CMYK	0.30, 0.00, 0.24, 0.18
HSL	131°, 41%, 70%
HSV	131°, 30%, 82%
XYZ	41.3399, 54.7994, 41.2026
YIQ	185.3490, -21.1770, -29.2170

Conversions

Conversions Part 2

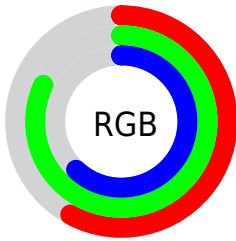
Format	Color
RYB	147, 200, 210
Decimal	9687711
CIELab	78.93, -30.33, 19.00
CIElCh	79, 35.792, 147.930
Yxy	54.7994, 0.3010, 0.3990
Android (android.graphics.Color)	4287877791 (0xFF93D29F)
YUV	185.3490, -12.9901, -33.6321
Hunter-Lab	74.0266, -29.8639, 18.8183

Details

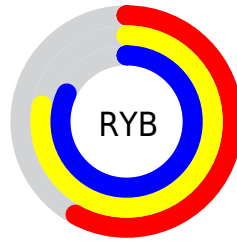
The Yxy color **54.7994, 0.3010, 0.3990** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6524, 0.3272, 0.2679**, and the grayscale version is **48.8061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9316, 0.3034, 0.3734**, and **26.8839, 0.2969, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **52.4837, 0.2975, 0.4273**, and if you desaturate by 10%, it is **57.5553, 0.3048, 0.3730**.

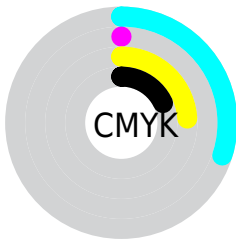
Distribution



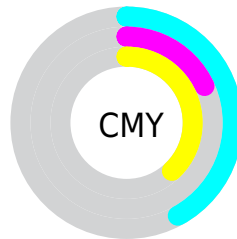
- Red (58%)
- Green (82%)
- Blue (62%)



- Red (58%)
- Yellow (78%)
- Blue (82%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)





- Cyan (42%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7994, 0.3010, 0.3990 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 54.7994, 0.3010, 0.3990 by changing the saturation by 10% instead.

 54.7994, 0.3010,
0.3990


 54.7994, 0.3010,
0.3990


405.1511, 0.3075,
0.3634

 39.2411, 0.2992,
0.4080


 97.2470, 0.3035,
0.3860

 26.9474, 0.2968,
0.4197


 124.9051, 0.3044,
0.3811

 17.5337, 0.2933,
0.4354


157.3653, 0.3051,
0.3770

 10.6157, 0.2882,
0.4574

195.0119, 0.3058,
0.3735

 5.8091, 0.2797,
0.4906

238.2294, 0.3063,
0.3705

 2.7293, 0.2640,
0.5456

287.4022, 0.3067,

 0.9921, 0.1669,

0.3678

0.8331

342.9146, 0.3071,
0.3655

0.0000, 0.0000,
0.0000

54.7994, 0.3010,
0.3990

54.7994, 0.3010,
0.3990

52.4837, 0.2975,
0.4273

57.5553, 0.3048,
0.3730

50.5786, 0.2945,
0.4573

60.7654, 0.3088,
0.3496

49.0619, 0.2924,
0.4878

64.4517, 0.3127,
0.3290

47.9062, 0.2914,
0.5173

68.6324, 0.3165,
0.3109

47.0805, 0.2916,
0.5439

73.3251, 0.3201,
0.2952

■ 46.5485, 0.2930,
0.5661

■ 74.5735, 0.3148,
0.2851

■ 46.2468, 0.2952,
0.5826

■ 46.2466, 0.2952,
0.5826

Harmonies

Analogous

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



54.7994, 0.3478, 0.4149



54.7994, 0.3010, 0.3990



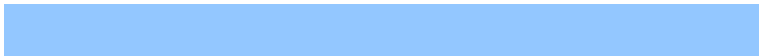
54.7994, 0.2593, 0.3590

Triad

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



54.7994, 0.3010, 0.3990



54.7994, 0.2407, 0.2557



54.7994, 0.3993, 0.3361

Complementary

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



54.7994, 0.3010, 0.3990



38.6524, 0.3272, 0.2679

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.



54.7994, 0.3662, 0.2997



54.7994, 0.3010, 0.3990



54.7994, 0.2734, 0.2550

Square

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



54.7994, 0.3010, 0.3990



54.7994, 0.2266, 0.2749



54.7994, 0.3191, 0.2709



54.7994, 0.4067, 0.3734

Rectangle

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



54.7994, 0.3010, 0.3990



54.7994, 0.2396, 0.3272



54.7994, 0.3191, 0.2709



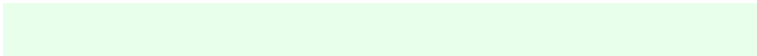
54.7994, 0.3908, 0.3235

Sweetspot

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



54.8017, 0.3010, 0.3990



94.7647, 0.3091, 0.3477



60.2682, 0.3483, 0.4058



20.1149, 0.3086, 0.3509



0.0000, 0.0000, 0.0000



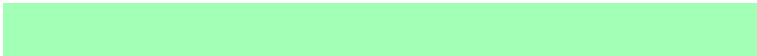
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8017, 0.3010, 0.3990



82.6506, 0.2987, 0.4169



56.0183, 0.2816, 0.3554



13.2425, 0.3090, 0.3484



28.2207, 0.2946, 0.5806



1.5891, 0.2853, 0.5472

Inverse Universe

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



38.6524, 0.3272, 0.2679



53.6705, 0.3311, 0.2548



37.3634, 0.3582, 0.3043



11.9688, 0.3166, 0.3104



10.1427, 0.3754, 0.1842



0.5773, 0.3636, 0.1777

Previews

White Background



This preview shows how the Yxy color 54.7994, 0.3010, 0.3990 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 54.7994, 0.3010, 0.3990 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 54.7994, 0.3010, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 54.7994, 0.3010, 0.3990.



This preview shows how white text looks on a background with the Yxy color 54.7994, 0.3010, 0.3990.

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

54.7994, 0.3010, 0.3990

Protanopia

54.1160, 0.3563, 0.3803

Deuteranopia

54.0683, 0.3634, 0.3559



Tritanopia

54.5721, 0.2708, 0.3087

Trichromacy



Original Color

54.7994, 0.3010, 0.3990

Protanomaly

53.9894, 0.3338, 0.3869

Deuteranomaly

53.3746, 0.3387, 0.3704

Tritanomaly

54.5639, 0.2814, 0.3394

Monochromacy



Original Color

54.7994, 0.3010, 0.3990

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

50.3761, 0.3076, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7994, 0.3010, 0.3990 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(147, 210, 159)` looks like.

```
.text, #text, p{  
    color:rgb(147, 210, 159)  
}
```

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(147, 210, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 210, 159) }
```

Border

The CSS property to change the border of an element to Yxy 54.7994, 0.3010, 0.3990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

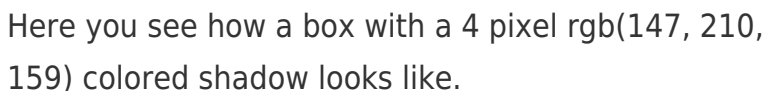
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 210, 159) }
```

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

```
.border{ border-color:rgb(147, 210, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 210, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 210, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 210, 159); box-shadow:4px 4px 4px 4px rgb(147, 210, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7994, 0.3010, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 210, 159) }
```

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

```
.background{ background-color: rgb(147,  
210, 159) }
```

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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