

Converting Colors

$Yxy(55.2795, 0.3015, 0.4042)$

Have a look what the booklet for
Yxy(55.2795, 0.3015, 0.4042)
contains.

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Color

Yxy(55.1338, 0.3016, 0.4032)

Conversions

Conversions Part 1

Format	Color
Hex	92D39D
RGB	146, 211, 157
RGB Percent	57%, 83%, 62%
CMY	0.4272, 0.1726, 0.3843
CMYK	0.31, 0.00, 0.26, 0.17
HSL	130°, 42%, 70%
HSV	130°, 31%, 83%
XYZ	41.2410, 55.1338, 40.3658
YIQ	185.4090, -21.4060, -30.5740

Conversions

Conversions Part 2

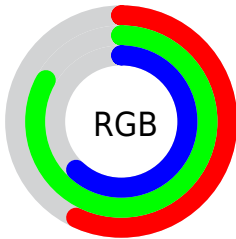
Format	Color
RYB	146, 202, 211
Decimal	9622429
CIELab	79.12, -31.46, 20.32
CIELCh	79, 37.455, 147.141
Yxy	55.1338, 0.3016, 0.4032
Android (android.graphics.Color)	4287812509 (0xFF92D39D)
YUV	185.4090, -14.0056, -34.5617
Hunter-Lab	74.2521, -30.7992, 19.7446

Details

The Yxy color **55.1338, 0.3016, 0.4032** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.5949, 0.3264, 0.2647**, and the grayscale version is **48.8509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6910, 0.3039, 0.3757**, and **27.1240, 0.2976, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **52.8199, 0.2983, 0.4325**, and if you desaturate by 10%, it is **57.8953, 0.3052, 0.3763**.

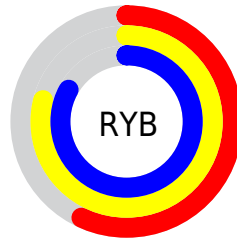
Distribution



Red (57%)

Green (83%)

Blue (62%)



Red (57%)

Yellow (79%)

Blue (83%)

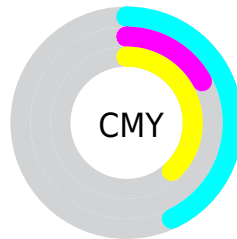


Cyan (31%)

Magenta (0%)

Yellow (26%)

Black (17%)



Cyan (43%)


Magenta (17%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1338, 0.3016, 0.4032 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 55.1338, 0.3016, 0.4032 by changing the saturation by 10% instead.


 55.1338, 0.3016,
0.4032

 55.1338, 0.3016,
0.4032


406.4189, 0.3079,
0.3655

 39.5089, 0.2998,
0.4128

 97.7370, 0.3040,
0.3894

 27.1558, 0.2974,
0.4252


 125.4840, 0.3049,
0.3842

 17.6903, 0.2939,
0.4418


158.0405, 0.3056,
0.3798

 10.7279, 0.2887,
0.4652

195.7908, 0.3062,
0.3761

 5.8841, 0.2801,
0.5003

239.1195, 0.3067,
0.3729

 2.7748, 0.2638,
0.5584

288.4108, 0.3072,


 1.0153, 0.1586,


0.3701


0.8414

344.0491, 0.3075,
0.3677


 0.0000, 0.0000,
0.0000


 55.1338, 0.3016,
0.4032


 55.1338, 0.3016,
0.4032

 52.8199, 0.2983,
0.4325

 57.8953, 0.3052,
0.3763

 50.9232, 0.2956,
0.4633

 61.1190, 0.3088,
0.3520

 49.4208, 0.2937,
0.4944

 64.8273, 0.3124,
0.3306

 48.2842, 0.2927,
0.5241

 69.0393, 0.3159,
0.3118

 47.4814, 0.2930,
0.5504

 73.7728, 0.3193,
0.2955

■ 46.9746, 0.2943,
0.5717

■ 75.0658, 0.3147,
0.2861

■ 46.7106, 0.2961,
0.5859

Harmonies

Analogous

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



55.1338, 0.3504, 0.4189



55.1338, 0.3016, 0.4032



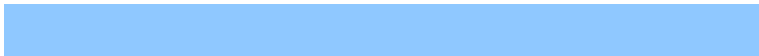
55.1338, 0.2579, 0.3616

Triad

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



55.1338, 0.3016, 0.4032



55.1338, 0.2371, 0.2529



55.1338, 0.4026, 0.3351

Complementary

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



55.1338, 0.3016, 0.4032



38.5949, 0.3264, 0.2647

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.



55.1338, 0.3674, 0.2975



55.1338, 0.3016, 0.4032



55.1338, 0.2705, 0.2518

Square

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



55.1338, 0.3016, 0.4032



55.1338, 0.2230, 0.2733



55.1338, 0.3179, 0.2679



55.1338, 0.4110, 0.3740

Rectangle

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



55.1338, 0.3016, 0.4032



55.1338, 0.2372, 0.3282



55.1338, 0.3179, 0.2679



55.1338, 0.3935, 0.3220

Sweetspot

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



55.1361, 0.3016, 0.4032



94.7356, 0.3094, 0.3482



60.9658, 0.3501, 0.4077



20.1077, 0.3089, 0.3515



0.0000, 0.0000, 0.0000



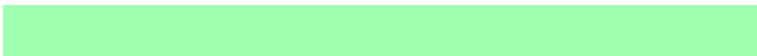
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1361, 0.3016, 0.4032



82.2173, 0.2994, 0.4224



56.3910, 0.2815, 0.3577



13.2383, 0.3093, 0.3489



28.2018, 0.2956, 0.5840



1.5871, 0.2869, 0.5528

Inverse Universe

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



38.5949, 0.3264, 0.2647



52.8653, 0.3300, 0.2510



37.2385, 0.3587, 0.3023



11.9734, 0.3163, 0.3099



10.2492, 0.3684, 0.1803



0.5824, 0.3582, 0.1747

Previews

White Background



This preview shows how the Yxy color 55.1338, 0.3016, 0.4032 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 55.1338, 0.3016, 0.4032 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 55.1338, 0.3016, 0.4032

Background



This preview shows how black text looks on a background with the Yxy color 55.1338, 0.3016, 0.4032.

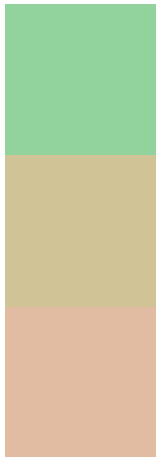


This preview shows how white text looks on a background with the Yxy color 55.1338, 0.3016, 0.4032.

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

55.1338, 0.3016, 0.4032

Protanopia

54.6421, 0.3584, 0.3838

Deuteranopia

54.7438, 0.3666, 0.3592



Tritanopia

55.0954, 0.2703, 0.3087

Trichromacy



Original Color

55.1338, 0.3016, 0.4032



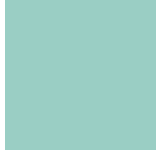
Protanomaly

54.3875, 0.3351, 0.3907



Deuteranomaly

53.8882, 0.3409, 0.3740



Tritanomaly

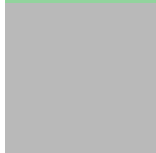
54.9982, 0.2821, 0.3420

Monochromacy



Original Color

55.1338, 0.3016, 0.4032



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.3366, 0.3084, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1338, 0.3016, 0.4032 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(146, 211, 157)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 157)  
}
```

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(146, 211, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 157) }
```

Border

The CSS property to change the border of an element to Yxy 55.1338, 0.3016, 0.4032 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(146, 211, 157) }
```

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

```
.border{ border-color:rgb(146, 211, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 211, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 157);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1338, 0.3016, 0.4032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 211, 157) }
```

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

```
.background{ background-color: rgb(146,  
211, 157) }
```

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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