

Converting Colors

$Yxy(55.6485, 0.2950, 0.3894)$

Have a look what the booklet for
Yxy(55.6485, 0.2950, 0.3894)
contains.

Yxy(55.4895, 0.2953, 0.3890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.4895, 0.2953, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	92D3A7
RGB	146, 211, 167
RGB Percent	57%, 83%, 65%
CMY	0.4274, 0.1725, 0.3452
CMYK	0.31, 0.00, 0.21, 0.17
HSL	139°, 42%, 70%
HSV	139°, 31%, 83%
XYZ	42.1235, 55.4895, 45.0335
YIQ	186.5490, -24.6160, -27.4640

Conversions

Conversions Part 2

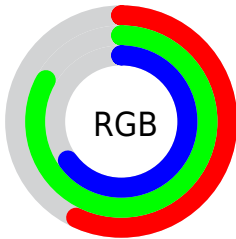
Format	Color
RYB	146, 195, 211
Decimal	9622439
CIELab	79.32, -29.66, 15.34
CIELCh	79, 33.392, 152.658
Yxy	55.4895, 0.2953, 0.3890
Android (android.graphics.Color)	4287812519 (0xFF92D3A7)
YUV	186.5490, -9.6377, -35.5615
Hunter-Lab	74.4913, -29.4211, 16.3003

Details

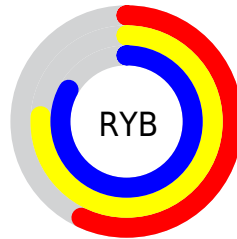
The Yxy color **55.4895, 0.2953, 0.3890** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.1338, 0.3360, 0.2759**, and the grayscale version is **49.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2114, 0.2984, 0.3645**, and **27.3419, 0.2897, 0.4062** is the 20% darker color. If you saturate the color by 10%, you get **53.2331, 0.2904, 0.4127**, and if you desaturate by 10%, it is **58.1659, 0.3007, 0.3673**.

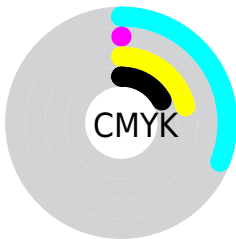
Distribution



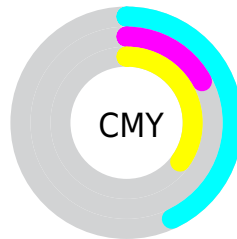
- Red (57%)
- Green (83%)
- Blue (65%)



- Red (57%)
- Yellow (76%)
- Blue (83%)



- Cyan (31%)
- Magenta (0%)
- Yellow (21%)
- Black (17%)





- Cyan (43%)
- Magenta (17%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4895, 0.2953, 0.3890 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 55.4895, 0.2953, 0.3890 by changing the saturation by 10% instead.

 55.4895, 0.2953,
0.3890


 55.4895, 0.2953,
0.3890

407.7648, 0.3043,
0.3587

 39.7938, 0.2929,
0.3967

 98.2578, 0.2987,
0.3779

 27.3778, 0.2899,
0.4065


 126.0991, 0.2999,
0.3738

 17.8572, 0.2857,
0.4197


158.7578, 0.3009,
0.3703

 10.8475, 0.2797,
0.4383

196.6182, 0.3018,
0.3673

 5.9644, 0.2703,
0.4661

240.0647, 0.3026,
0.3647

 2.8234, 0.2542,
0.5123

289.4817, 0.3032,

 1.0403, 0.1905,


0.3624


0.7714


345.2536, 0.3038,
0.3605


 0.0000, 0.0000,
0.0000

 55.4895, 0.2953,
0.3890

 55.4895, 0.2953,
0.3890


 53.2331, 0.2904,
0.4127


 58.1659, 0.3007,
0.3673


 51.3681, 0.2864,
0.4379


 61.2753, 0.3064,
0.3477


 49.8734, 0.2836,
0.4641


 64.8387, 0.3123,
0.3303


 48.7228, 0.2823,
0.4902

 68.8736, 0.3180,
0.3150

 47.8865, 0.2827,
0.5151

 73.3967, 0.3236,
0.3015

 47.3295, 0.2847,
0.5377

 74.9265, 0.3162,
0.2882

 47.0076, 0.2877,
0.5556

 75.0700, 0.3147,
0.2861

Harmonies

Analogous

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



55.4895, 0.3390, 0.4080



55.4895, 0.2953, 0.3890



55.4895, 0.2580, 0.3500

Triad

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



55.4895, 0.2953, 0.3890



55.4895, 0.2492, 0.2593



55.4895, 0.3959, 0.3416

Complementary

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



55.4895, 0.2953, 0.3890



38.1338, 0.3360, 0.2759

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.



55.4895, 0.3685, 0.3068



55.4895, 0.2953, 0.3890



55.4895, 0.2823, 0.2611

Square

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



55.4895, 0.2953, 0.3890



55.4895, 0.2330, 0.2748



55.4895, 0.3259, 0.2782



55.4895, 0.3988, 0.3759

Rectangle

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



55.4895, 0.2953, 0.3890



55.4895, 0.2413, 0.3208



55.4895, 0.3259, 0.2782



55.4895, 0.3893, 0.3297

Sweetspot

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



55.4918, 0.2953, 0.3890



94.9427, 0.3074, 0.3446



59.6680, 0.3422, 0.4098



20.1584, 0.3066, 0.3473



0.0000, 0.0000, 0.0000



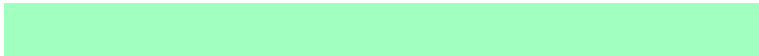
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4918, 0.2953, 0.3890



82.8252, 0.2920, 0.4044



56.8306, 0.2757, 0.3445



13.2682, 0.3073, 0.3452



28.3849, 0.2869, 0.5529



1.6015, 0.2763, 0.5148

Inverse Universe

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



38.1338, 0.3360, 0.2759



52.0412, 0.3426, 0.2643



36.8801, 0.3691, 0.3143



11.9415, 0.3186, 0.3134



9.5738, 0.4223, 0.2100



0.5495, 0.3992, 0.1973

Previews

White Background



This preview shows how the Yxy color 55.4895, 0.2953, 0.3890 looks on a white background.

Color Contrast Check

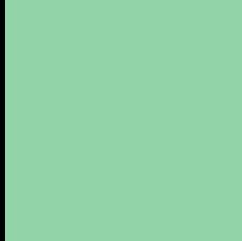
Large Text (above 18pt) WCAG AA × Fail

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 55.4895, 0.2953, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

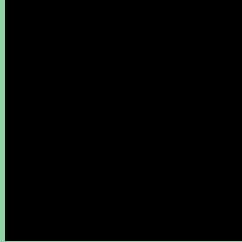
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4895, 0.2953, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 55.4895, 0.2953, 0.3890.



This preview shows how white text looks on a background with the Yxy color 55.4895, 0.2953, 0.3890.

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

55.4895, 0.2953, 0.3890

Protanopia

54.7988, 0.3505, 0.3729

Deuteranopia

54.6330, 0.3555, 0.3477



Tritanopia

55.5211, 0.2693, 0.3088

Trichromacy



Original Color

55.4895, 0.2953, 0.3890

Protanomaly

54.6962, 0.3285, 0.3789

Deuteranomaly

53.9842, 0.3315, 0.3615

Tritanomaly

55.6150, 0.2784, 0.3367

Monochromacy



Original Color

55.4895, 0.2953, 0.3890

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

51.5458, 0.3055, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4895, 0.2953, 0.3890 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(146, 211, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 211, 167) }
```

Border

The CSS property to change the border of an element to Yxy 55.4895, 0.2953, 0.3890 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, 167) }
```

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

```
.border{ border-color:rgb(146, 211, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 211, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 211, 167);  
box-shadow:4px 4px 4px 4px rgb(146, 211,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4895, 0.2953, 0.3890 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, 167) }
```

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

```
.background{ background-color: rgb(146,  
211, 167) }
```

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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