

Converting Colors

Yxy(55.5904, 0.3390, 0.4158)

Have a look what the booklet for
Yxy(55.5904, 0.3390, 0.4158)
contains.

Yxy(55.5904, 0.3390, 0.4158)	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(55.5904, 0.3390, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	B3CE8B
RGB	179, 206, 139
RGB Percent	70%, 81%, 55%
CMY	0.2981, 0.1921, 0.4547
CMYK	0.13, 0.00, 0.33, 0.19
HSL	84°, 41%, 68%
HSV	84°, 33%, 81%
XYZ	45.3226, 55.5904, 32.7820
YIQ	190.2890, 5.4150, -26.5610

Conversions

Conversions Part 2

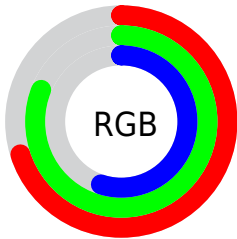
Format	Color
RYB	139, 206, 166
Decimal	11783819
CIELab	79.38, -20.49, 30.40
CIELCh	79, 36.665, 123.984
Yxy	55.5904, 0.3390, 0.4158
Android (android.graphics.Color)	4289973899 (0xFFB3CE8B)
YUV	190.2890, -25.2855, -9.9005
Hunter-Lab	74.5590, -21.9723, 26.1227

Details

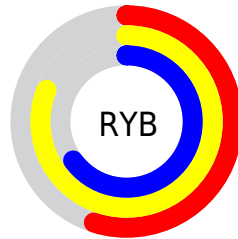
The Yxy color **55.5904, 0.3390, 0.4158** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.0462, 0.2786, 0.2395**, and the grayscale version is **51.8162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0324, 0.3362, 0.3927**, and **27.5210, 0.3438, 0.4412** is the 20% darker color. If you saturate the color by 10%, you get **54.0856, 0.3459, 0.4445**, and if you desaturate by 10%, it is **57.2733, 0.3312, 0.3875**.

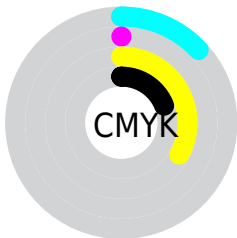
Distribution



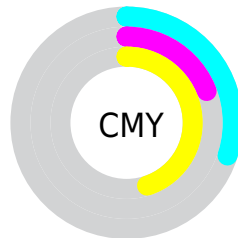
- Red (70%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (30%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5904, 0.3390, 0.4158 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 55.5904, 0.3390, 0.4158 by changing the saturation by 10% instead.


 55.5904, 0.3390,
0.4158

 55.5904, 0.3390,
0.4158

408.1461, 0.3273,
0.3723


 39.8746, 0.3414,
0.4266


 98.4054, 0.3351,
0.4000

 27.4408, 0.3442,
0.4403


 126.2735, 0.3336,
0.3941

 17.9046, 0.3473,
0.4583


 158.9611, 0.3322,
0.3891

 10.8815, 0.3506,
0.4829

196.8526, 0.3310,
0.3848

 5.9872, 0.3532,
0.5179

240.3325, 0.3299,
0.3810

 2.8373, 0.3646,
0.5915

289.7851, 0.3290,

 1.0474, 0.3173,

0.3778

0.6827

345.5948, 0.3281,
0.3749

0.0000, 0.0000,
0.0000

55.5904, 0.3390,
0.4158

55.5904, 0.3390,
0.4158

54.0856, 0.3459,
0.4445

57.2733, 0.3312,
0.3875

52.7440, 0.3516,
0.4725

59.1338, 0.3230,
0.3604

51.5601, 0.3555,
0.4987


61.1808, 0.3148,
0.3351

50.5249, 0.3572,
0.5215

63.4205, 0.3067,
0.3117

49.6282, 0.3566,
0.5398

65.8587, 0.2988,
0.2904


 48.8580, 0.3536,
0.5530

 67.9987, 0.2963,
0.2783

 48.3487, 0.3502,
0.5601

 69.3974, 0.3022,
0.2792

 70.8625, 0.3081,
0.2801

 72.3948, 0.3141,
0.2810

Harmonies

Analogous

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



55.5904, 0.3816, 0.4090



55.5904, 0.3390, 0.4158



55.5904, 0.2913, 0.3938

Triad

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



55.5904, 0.3390, 0.4158



55.5904, 0.2263, 0.2684



55.5904, 0.3758, 0.3061

Complementary

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



55.5904, 0.3390, 0.4158



31.0462, 0.2786, 0.2395

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.



55.5904, 0.3292, 0.2749



55.5904, 0.3390, 0.4158



55.5904, 0.2447, 0.2527

Square

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



55.5904, 0.3390, 0.4158



55.5904, 0.2285, 0.3027



55.5904, 0.2812, 0.2557



55.5904, 0.4049, 0.3439

Rectangle

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



55.5904, 0.3390, 0.4158



55.5904, 0.2631, 0.3658



55.5904, 0.2812, 0.2557



55.5904, 0.3614, 0.2947

Sweetspot

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



55.5928, 0.3390, 0.4158



96.5661, 0.3211, 0.3542



42.1970, 0.3763, 0.3631



20.5712, 0.3222, 0.3579



0.0000, 0.0000, 0.0000



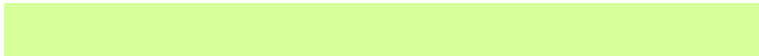
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5928, 0.3390, 0.4158



88.3343, 0.3440, 0.4358



52.0970, 0.3131, 0.4232



12.8623, 0.3205, 0.3523



29.8279, 0.3511, 0.5594



1.5823, 0.3644, 0.5489

Inverse Universe

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



31.0462, 0.2786, 0.2395



42.5375, 0.2693, 0.2180



35.1177, 0.3100, 0.2473



11.0612, 0.3044, 0.3055



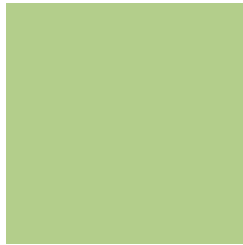
3.9325, 0.1858, 0.0797



0.2468, 0.2084, 0.0921

Previews

White Background



This preview shows how the Yxy color 55.5904, 0.3390, 0.4158 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 55.5904, 0.3390, 0.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

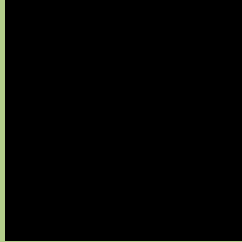
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5904, 0.3390, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 55.5904, 0.3390, 0.4158.



This preview shows how white text looks on a background with the Yxy color 55.5904, 0.3390, 0.4158.

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

55.5904, 0.3390, 0.4158

Protanopia

55.2262, 0.3732, 0.4020

Deuteranopia

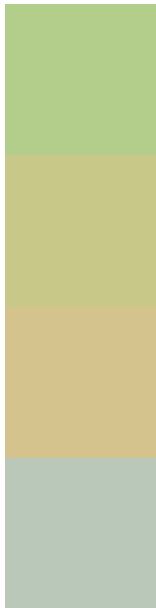
55.1054, 0.3878, 0.3801



Tritanopia

55.5048, 0.2959, 0.3109

Trichromacy



Original Color

55.5904, 0.3390, 0.4158

Protanomaly

55.3655, 0.3605, 0.4080

Deuteranomaly

55.1293, 0.3690, 0.3925

Tritanomaly

55.1256, 0.3118, 0.3478

Monochromacy



Original Color

55.5904, 0.3390, 0.4158

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.8592, 0.3233, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5904, 0.3390, 0.4158 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(179, 206, 139)` looks like.

```
.text, #text, p{  
    color:rgb(179, 206, 139)  
}
```

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(179, 206, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 206, 139) }
```

Border

The CSS property to change the border of an element to Yxy 55.5904, 0.3390, 0.4158 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(179, 206, 139) }
```

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

```
.border{ border-color:rgb(179, 206, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 206, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 206, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 206, 139);  
box-shadow:4px 4px 4px 4px rgb(179, 206,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5904, 0.3390, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 206, 139) }
```

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

```
.background{ background-color: rgb(179,  
206, 139) }
```

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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