

Converting Colors

$Yxy(55.7987, 0.2953, 0.3641)$

Have a look what the booklet for
Yxy(55.7987, 0.2953, 0.3641)
contains.

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Color

Yxy(55.8189, 0.2952, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	9FD0B5
RGB	159, 208, 181
RGB Percent	62%, 82%, 71%
CMY	0.3762, 0.1844, 0.2902
CMYK	0.24, 0.00, 0.13, 0.18
HSL	147°, 34%, 72%
HSV	147°, 24%, 82%
XYZ	45.2064, 55.8189, 52.1130
YIQ	190.2710, -20.5370, -18.7850

Conversions

Conversions Part 2

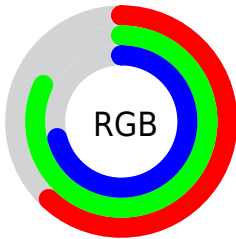
Format	Color
RYB	159, 193, 208
Decimal	10473653
CIELab	79.51, -21.39, 8.23
CIELCh	80, 22.919, 158.957
Yxy	55.8189, 0.2952, 0.3645
Android (android.graphics.Color)	4288663733 (0xFF9FD0B5)
YUV	190.2710, -4.5706, -27.4247
Hunter-Lab	74.7120, -22.7401, 10.9426

Details

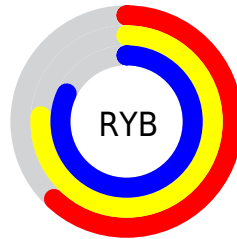
The Yxy color **55.8189, 0.2952, 0.3645** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.7784, 0.3351, 0.2960**, and the grayscale version is **51.7023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9306, 0.2979, 0.3477**, and **27.4051, 0.2899, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **53.4177, 0.2884, 0.3824**, and if you desaturate by 10%, it is **58.6214, 0.3025, 0.3483**.

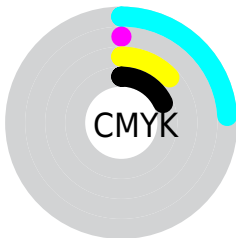
Distribution



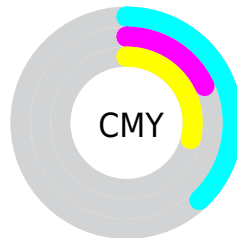
- Red (62%)
- Green (82%)
- Blue (71%)



- Red (62%)
- Yellow (76%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (13%)
- Black (18%)





- Cyan (38%)
- Magenta (18%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8189, 0.2952, 0.3645 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 55.8189, 0.2952, 0.3645 by changing the saturation by 10% instead.


 55.8189, 0.2952,
0.3645


 55.8189, 0.2952,
0.3645


409.0086, 0.3039,
0.3468

 40.0577, 0.2930,
0.3689


 98.7397, 0.2984,
0.3581

 27.5836, 0.2903,
0.3745


 126.6682, 0.2995,
0.3557

 18.0120, 0.2866,
0.3819


159.4212, 0.3005,
0.3537

 10.9586, 0.2815,
0.3923

197.3832, 0.3014,
0.3519

 6.0390, 0.2740,
0.4076

240.9386, 0.3022,
0.3504

 2.8688, 0.2618,
0.4327

290.4717, 0.3028,

 1.0636, 0.2265,

0.3491

0.5033

346.3669, 0.3034,
0.3479

0.0000, 0.0000,
0.0000

55.8189, 0.2952,
0.3645

55.8189, 0.2952,
0.3645

53.4177, 0.2884,
0.3824

58.6214, 0.3025,
0.3483

51.3919, 0.2825,
0.4018

61.8356, 0.3100,
0.3337

49.7236, 0.2776,
0.4224

65.4805, 0.3176,
0.3208

48.3902, 0.2743,
0.4438


69.5716, 0.3252,
0.3094

47.3668, 0.2727,
0.4655

72.5604, 0.3265,
0.2988

 46.6246, 0.2731,
0.4868

 73.2578, 0.3184,
0.2879

 46.1290, 0.2754,
0.5069

 73.5857, 0.3149,
0.2831

 45.9009, 0.2775,
0.5191

Harmonies

Analogous

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



55.8189, 0.3252, 0.3808



55.8189, 0.2952, 0.3645



55.8189, 0.2707, 0.3375

Triad

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



55.8189, 0.2952, 0.3645



55.8189, 0.2726, 0.2795



55.8189, 0.3713, 0.3440

Complementary

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



55.8189, 0.2952, 0.3645



41.7784, 0.3351, 0.2960

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.



55.8189, 0.3559, 0.3189



55.8189, 0.2952, 0.3645



55.8189, 0.2980, 0.2828

Square

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



55.8189, 0.2952, 0.3645



55.8189, 0.2582, 0.2886



55.8189, 0.3286, 0.2970



55.8189, 0.3700, 0.3669

Rectangle

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



55.8189, 0.2952, 0.3645



55.8189, 0.2604, 0.3182



55.8189, 0.3286, 0.2970



55.8189, 0.3679, 0.3356

Sweetspot

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



55.8212, 0.2952, 0.3645



96.1524, 0.3073, 0.3387



58.1503, 0.3309, 0.3906



20.5130, 0.3069, 0.3396



0.0000, 0.0000, 0.0000



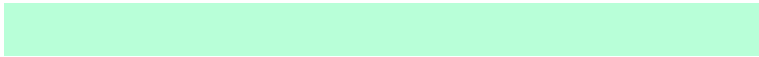
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8212, 0.2952, 0.3645



86.5993, 0.2919, 0.3729



56.8792, 0.2802, 0.3331



13.2931, 0.3056, 0.3421



28.6307, 0.2768, 0.5165



1.6167, 0.2668, 0.4806

Inverse Universe

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



41.7784, 0.3351, 0.2960



60.7017, 0.3409, 0.2890



40.8516, 0.3578, 0.3250



11.9158, 0.3205, 0.3163



9.1450, 0.4729, 0.2379



0.5272, 0.4375, 0.2184

Previews

White Background



This preview shows how the Yxy color 55.8189, 0.2952, 0.3645 looks on a white background.

Color Contrast Check

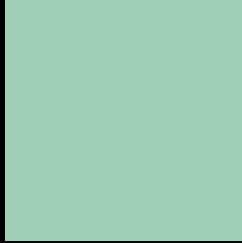
Large Text (above 18pt) WCAG AA × Fail

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 55.8189, 0.2952, 0.3645 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

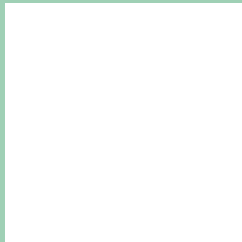
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8189, 0.2952, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 55.8189, 0.2952, 0.3645.

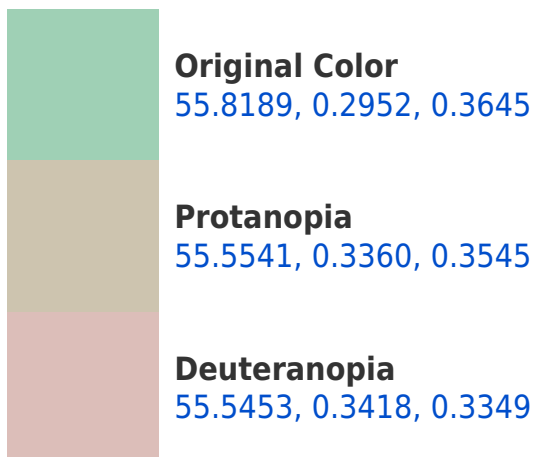


This preview shows how white text looks on a background with the Yxy color 55.8189, 0.2952, 0.3645.

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





Tritanopia

55.9333, 0.2755, 0.3090

Trichromacy



Original Color

55.8189, 0.2952, 0.3645

Protanomaly

55.1742, 0.3200, 0.3579

Deuteranomaly

55.3990, 0.3232, 0.3449

Tritanomaly

55.8570, 0.2824, 0.3289

Monochromacy



Original Color

55.8189, 0.2952, 0.3645

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

53.1041, 0.3059, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8189, 0.2952, 0.3645 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(159, 208, 181)` looks like.

```
.text, #text, p{  
    color:rgb(159, 208, 181)  
}
```

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(159, 208, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 208, 181) }
```

Border

The CSS property to change the border of an element to Yxy 55.8189, 0.2952, 0.3645 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(159, 208, 181) }
```

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

```
.border{ border-color:rgb(159, 208, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 208, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 208, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 208, 181);  
box-shadow:4px 4px 4px 4px rgb(159, 208,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8189, 0.2952, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 208, 181) }
```

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

```
.background{ background-color: rgb(159,  
208, 181) }
```

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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