

Converting Colors

Yxy(58.7153, 0.3155, 0.3926)

Have a look what the booklet for
Yxy(58.7153, 0.3155, 0.3926)
contains.

Yxy(58.8908, 0.3155, 0.3936)	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(58.8908, 0.3155, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	ABD5A3
RGB	171, 213, 163
RGB Percent	67%, 84%, 64%
CMY	0.3293, 0.1647, 0.3608
CMYK	0.20, 0.00, 0.23, 0.16
HSL	110°, 37%, 74%
HSV	110°, 23%, 84%
XYZ	47.2054, 58.8908, 43.5247
YIQ	194.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

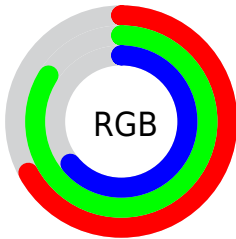
Format	Color
RYB	163, 213, 205
Decimal	11261347
CIELab	81.23, -23.14, 20.31
CIElCh	81, 30.789, 138.723
Yxy	58.8908, 0.3155, 0.3936
Android (android.graphics.Color)	4289451427 (0xFFABD5A3)
YUV	194.7420, -15.6488, -20.8217
Hunter-Lab	76.7403, -24.4946, 20.0908

Details

The Yxy color **58.8908, 0.3155, 0.3936** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.9672, 0.3084, 0.2697**, and the grayscale version is **54.5156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9128, 0.3165, 0.3672**, and **29.4530, 0.3154, 0.4116** is the 20% darker color. If you saturate the color by 10%, you get **56.3193, 0.3162, 0.4258**, and if you desaturate by 10%, it is **61.8673, 0.3145, 0.3641**.

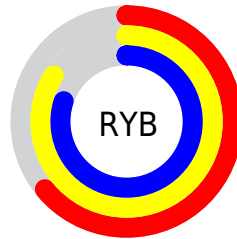
Distribution



Red (67%)

Green (84%)

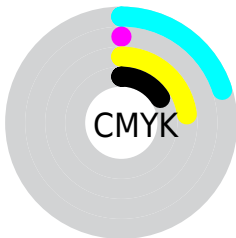
Blue (64%)



Red (64%)

Yellow (84%)

Blue (80%)

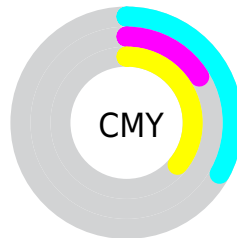


Cyan (20%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (33%)


Magenta (16%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8908, 0.3155, 0.3936 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 58.8908, 0.3155, 0.3936 by changing the saturation by 10% instead.


 58.8908, 0.3155,
0.3936

 58.8908, 0.3155,
0.3936


420.4971, 0.3148,
0.3614

 42.5252, 0.3155,
0.4016

 103.2189, 0.3154,
0.3819

 29.5128, 0.3153,
0.4118


 131.9503, 0.3153,
0.3775

 19.4691, 0.3149,
0.4253


165.5723, 0.3152,
0.3738

 12.0097, 0.3140,
0.4439

204.4695, 0.3151,
0.3706

 6.7503, 0.3119,
0.4712

249.0262, 0.3150,
0.3679

 3.3064, 0.3065,
0.5145

299.6267, 0.3150,

 1.2937, 0.3229,

0.3654

0.6771

356.6556, 0.3149,
0.3633

■ 0.1363, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8908, 0.3155,
0.3936

■ 58.8908, 0.3155,
0.3936

■ 56.3193, 0.3162,
0.4258

■ 61.8673, 0.3145,
0.3641

■ 54.1280, 0.3163,
0.4597

■ 65.2574, 0.3132,
0.3375

■ 52.3009, 0.3158,
0.4938

■ 69.0789, 0.3118,
0.3140

■ 50.8179, 0.3145,
0.5263

■ 73.3463, 0.3103,
0.2935

■ 49.6569, 0.3124,
0.5546

■ 76.0668, 0.3146,
0.2881

■ 48.7930, 0.3096,
0.5765

■ 48.1977, 0.3064,
0.5907

■ 47.9317, 0.3044,
0.5965

Harmonies

Analogous

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



58.8908, 0.3541, 0.4002



58.8908, 0.3155, 0.3936



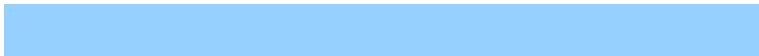
58.8908, 0.2777, 0.3656

Triad

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



58.8908, 0.3155, 0.3936



58.8908, 0.2460, 0.2703



58.8908, 0.3788, 0.3257

Complementary

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



58.8908, 0.3155, 0.3936



43.9672, 0.3084, 0.2697

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.



58.8908, 0.3463, 0.2957



58.8908, 0.3155, 0.3936



58.8908, 0.2696, 0.2645

Square

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



58.8908, 0.3155, 0.3936



58.8908, 0.2392, 0.2921



58.8908, 0.3059, 0.2739



58.8908, 0.3922, 0.3581

Rectangle

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



58.8908, 0.3155, 0.3936



58.8908, 0.2578, 0.3401



58.8908, 0.3059, 0.2739



58.8908, 0.3696, 0.3151

Sweetspot

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



58.8933, 0.3155, 0.3936



96.1725, 0.3137, 0.3467



60.2910, 0.3500, 0.3782



20.5175, 0.3137, 0.3483



0.0000, 0.0000, 0.0000



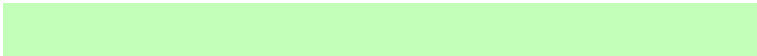
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8933, 0.3155, 0.3936



86.5784, 0.3159, 0.4088



58.6539, 0.2989, 0.3722



13.9910, 0.3140, 0.3529



29.3091, 0.3050, 0.5960



1.7983, 0.3152, 0.5880

Inverse Universe

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



43.9672, 0.3084, 0.2697



60.4801, 0.3072, 0.2571



44.3376, 0.3299, 0.2894



12.5268, 0.3112, 0.3058



8.8055, 0.2807, 0.1320



0.5588, 0.2881, 0.1361

Previews

White Background



This preview shows how the Yxy color 58.8908, 0.3155, 0.3936 looks on a white background.

Color Contrast Check

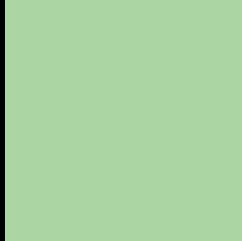
Large Text (above 18pt) WCAG AA × Fail

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 58.8908, 0.3155, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

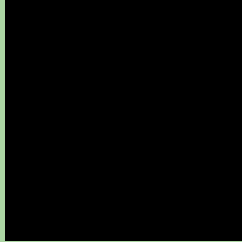
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8908, 0.3155, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 58.8908, 0.3155, 0.3936.

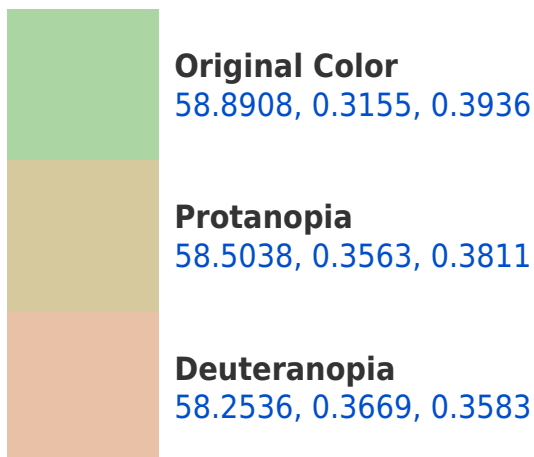


This preview shows how white text looks on a background with the Yxy color 58.8908, 0.3155, 0.3936.

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

58.7603, 0.2839, 0.3086

Trichromacy



Original Color

58.8908, 0.3155, 0.3936

Protanomaly

58.1716, 0.3405, 0.3856

Deuteranomaly

57.7634, 0.3463, 0.3697

Tritanomaly

58.6759, 0.2948, 0.3376

Monochromacy



Original Color

58.8908, 0.3155, 0.3936

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

56.0991, 0.3139, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8908, 0.3155, 0.3936 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(171, 213, 163)` looks like.

```
.text, #text, p{  
    color:rgb(171, 213, 163)  
}
```

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(171, 213, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 213, 163) }
```

Border

The CSS property to change the border of an element to Yxy 58.8908, 0.3155, 0.3936 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(171, 213, 163) }
```

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

```
.border{ border-color:rgb(171, 213, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 213, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 213, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 213, 163); box-shadow:4px 4px 4px 4px rgb(171, 213, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8908, 0.3155, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 213, 163) }
```

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

```
.background{ background-color: rgb(171,  
213, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor