

Converting Colors

$Yxy(52.1906, 0.3295, 0.3813)$

Have a look what the booklet for
Yxy(52.1906, 0.3295, 0.3813)
contains.

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Color

Yxy(52.1906, 0.3295, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	B5C59D
RGB	181, 197, 157
RGB Percent	71%, 77%, 62%
CMY	0.2903, 0.2274, 0.3844
CMYK	0.08, 0.00, 0.20, 0.23
HSL	84°, 26%, 69%
HSV	84°, 20%, 77%
XYZ	45.1005, 52.1906, 39.5844
YIQ	187.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

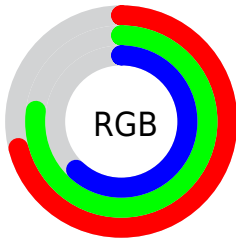
Format	Color
RYB	157, 197, 173
Decimal	11912605
CIELab	77.39, -12.58, 18.28
CIELCh	77, 22.191, 124.521
Yxy	52.1906, 0.3295, 0.3813
Android (android.graphics.Color)	4290102685 (0xFFB5C59D)
YUV	187.6560, -15.1134, -5.8373
Hunter-Lab	72.2431, -14.9900, 18.0832

Details

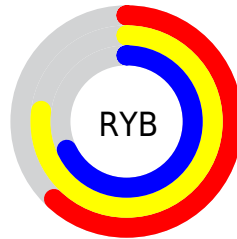
The Yxy color $52.1906, 0.3295, 0.3813$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.0258, 0.2932, 0.2757$, and the grayscale version is $50.1673, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.6416, 0.3265, 0.3717$, and $25.2747, 0.3333, 0.3950$ is the 20% darker color. If you saturate the color by 10%, you get $50.6458, 0.3374, 0.4093$, and if you desaturate by 10%, it is $53.9026, 0.3213, 0.3547$.

Distribution



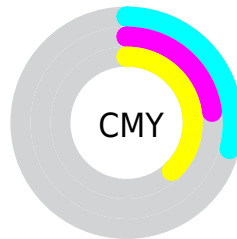
- Red (71%)
- Green (77%)
- Blue (62%)



- Red (62%)
- Yellow (77%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)





- Cyan (29%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1906, 0.3295, 0.3813 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 52.1906, 0.3295, 0.3813 by changing the saturation by 10% instead.


 52.1906, 0.3295,
0.3813


 52.1906, 0.3295,
0.3813


395.1720, 0.3216,
0.3551

 37.1570, 0.3313,
0.3879


 93.4123, 0.3268,
0.3717

 25.3291, 0.3335,
0.3963


 120.3692, 0.3257,
0.3682

 16.3224, 0.3363,
0.4075


152.0693, 0.3248,
0.3651

 9.7526, 0.3398,
0.4231

188.8970, 0.3240,
0.3625

 5.2352, 0.3442,
0.4462

231.2367, 0.3233,
0.3603

 2.3859, 0.3498,
0.4841

279.4729, 0.3227,

 0.8186, 0.3653,

0.3583

0.6347

333.9898, 0.3221,
0.3566

0.0000, 0.0000,
0.0000

52.1906, 0.3295,
0.3813

52.1906, 0.3295,
0.3813

50.6458, 0.3374,
0.4093

53.9026, 0.3213,
0.3547

49.2552, 0.3446,
0.4378

55.7807, 0.3130,
0.3298

48.0147, 0.3506,
0.4660

57.8325, 0.3049,
0.3069

46.9171, 0.3550,
0.4926

60.0632, 0.2972,
0.2861

45.9546, 0.3573,
0.5162

62.4463, 0.2902,
0.2678

■ 45.1185, 0.3573,
0.5356

■ 63.7113, 0.2958,
0.2688

■ 44.3984, 0.3549,
0.5500

■ 65.0353, 0.3016,
0.2698

■ 43.7940, 0.3508,
0.5597

■ 66.4191, 0.3074,
0.2708

■ 67.8635, 0.3132,
0.2719

Harmonies

Analogous

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



52.1906, 0.3558, 0.3792



52.1906, 0.3295, 0.3813



52.1906, 0.2996, 0.3674

Triad

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



52.1906, 0.3295, 0.3813



52.1906, 0.2577, 0.2914



52.1906, 0.3521, 0.3155

Complementary

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



52.1906, 0.3295, 0.3813



37.0258, 0.2932, 0.2757

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.



52.1906, 0.3240, 0.2947



52.1906, 0.3295, 0.3813



52.1906, 0.2701, 0.2805

Square

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



52.1906, 0.3295, 0.3813



52.1906, 0.2591, 0.3134



52.1906, 0.2940, 0.2820



52.1906, 0.3695, 0.3402

Rectangle

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



52.1906, 0.3295, 0.3813



52.1906, 0.2817, 0.3510



52.1906, 0.2940, 0.2820



52.1906, 0.3435, 0.3079

Sweetspot

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



52.1929, 0.3295, 0.3813



97.9087, 0.3177, 0.3439



44.1905, 0.3487, 0.3498



20.9092, 0.3183, 0.3456



0.0000, 0.0000, 0.0000



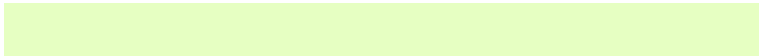
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1929, 0.3295, 0.3813



92.3064, 0.3328, 0.3925



49.9484, 0.3133, 0.3840



12.1968, 0.3205, 0.3522



28.8499, 0.3516, 0.5590



1.4074, 0.3657, 0.5478

Inverse Universe

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



37.0258, 0.2932, 0.2757



60.6714, 0.2886, 0.2640



39.4774, 0.3113, 0.2785



10.4915, 0.3044, 0.3056



3.7898, 0.1855, 0.0796



0.2214, 0.2098, 0.0929

Previews

White Background



This preview shows how the Yxy color 52.1906, 0.3295, 0.3813 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 52.1906, 0.3295, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

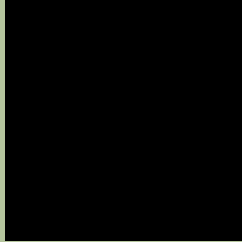
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1906, 0.3295, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 52.1906, 0.3295, 0.3813.



This preview shows how white text looks on a background with the Yxy color 52.1906, 0.3295, 0.3813.

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

52.1906, 0.3295, 0.3813

Protanopia

52.2912, 0.3520, 0.3750

Deuteranopia

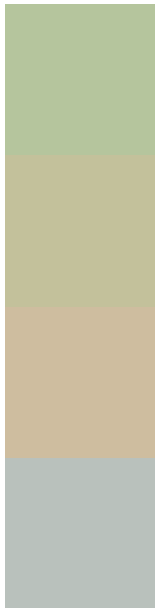
52.0347, 0.3642, 0.3575



Tritanopia

51.9261, 0.3000, 0.3105

Trichromacy



Original Color

52.1906, 0.3295, 0.3813

Protanomaly

52.1086, 0.3437, 0.3771

Deuteranomaly

52.0202, 0.3511, 0.3660

Tritanomaly

52.0851, 0.3100, 0.3353

Monochromacy



Original Color

52.1906, 0.3295, 0.3813

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.7502, 0.3184, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1906, 0.3295, 0.3813 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(181, 197, 157)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 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(181, 197, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 157) }
```

Border

The CSS property to change the border of an element to Yxy 52.1906, 0.3295, 0.3813 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(181, 197, 157) }
```

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

```
.border{ border-color:rgb(181, 197, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 157);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1906, 0.3295, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 157) }
```

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

```
.background{ background-color: rgb(181,  
197, 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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