

Converting Colors

$Yxy(53.4501, 0.3271, 0.3874)$

Have a look what the booklet for
Yxy(53.4501, 0.3271, 0.3874)
contains.

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Color

Yxy(53.6386, 0.3272, 0.3878)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B2C99C |
| RGB | 178, 201, 156 |
| RGB Percent | 70%, 79%, 61% |
| CMY | 0.3017, 0.2118, 0.3882 |
| CMYK | 0.11, 0.00, 0.22, 0.21 |
| HSL | 91°, 29%, 70% |
| HSV | 91°, 22%, 79% |
| XYZ | 45.2567, 53.6386, 39.4198 |
| YIQ | 188.9930, 0.7370, -18.8710 |

Conversions

Conversions Part 2

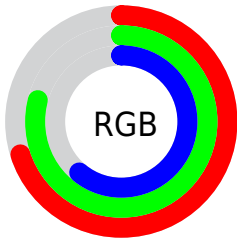
| Format | Color |
|-------------------------------------|--|
| RYB | 156, 201, 179 |
| Decimal | 11717020 |
| CIELab | 78.25, -15.81, 19.96 |
| CIELCh | 78, 25.464, 128.395 |
| Yxy | 53.6386, 0.3272, 0.3878 |
| Android (android.graphics.Color) | 4289907100 (0xFFB2C99C) |
| YUV | 188.9930, -16.2655, -9.6409 |
| Hunter-Lab | 73.2384, -17.8654, 19.3546 |

Details

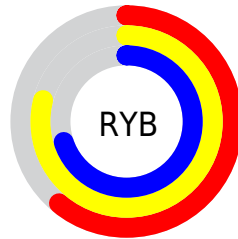
The Yxy color $53.6386, 0.3272, 0.3878$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $37.5697, 0.2952, 0.2704$, and the grayscale version is $50.9852, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7156, 0.3250, 0.3740$, and $26.2473, 0.3299, 0.4039$ is the 20% darker color. If you saturate the color by 10%, you get $51.8478, 0.3331, 0.4169$, and if you desaturate by 10%, it is $55.6373, 0.3208, 0.3603$.

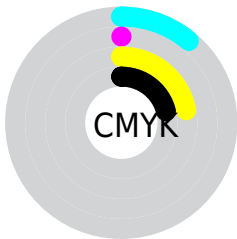
Distribution



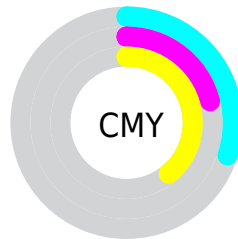
- Red (70%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)





- Cyan (30%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6386, 0.3272, 0.3878 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 53.6386, 0.3272, 0.3878 by changing the saturation by 10% instead.


 53.6386, 0.3272,
0.3878

 53.6386, 0.3272,
0.3878


400.7304, 0.3206,
0.3583

 38.3128, 0.3286,
0.3952


 95.5434, 0.3250,
0.3771

 26.2256, 0.3304,
0.4046


 122.8912, 0.3241,
0.3730

 16.9925, 0.3324,
0.4172


155.0151, 0.3233,
0.3696

 10.2291, 0.3349,
0.4347

192.2996, 0.3226,
0.3667

 5.5511, 0.3376,
0.4605

235.1289, 0.3220,
0.3642

 2.5741, 0.3401,
0.5027

283.8876, 0.3215,

 0.9137, 0.3454,

0.3620

0.6546

338.9599, 0.3210,
0.3600

0.0000, 0.0000,
0.0000

53.6386, 0.3272,
0.3878

53.6386, 0.3272,
0.3878

51.8478, 0.3331,
0.4169

55.6373, 0.3208,
0.3603

50.2503, 0.3383,
0.4469

57.8440, 0.3143,
0.3348

48.8405, 0.3422,
0.4766

60.2677, 0.3078,
0.3115

47.6097, 0.3445,
0.5046

62.9146, 0.3015,
0.2905

46.5483, 0.3447,
0.5294

65.6943, 0.2966,
0.2731

■ 45.6456, 0.3428,
0.5496

■ 67.4327, 0.3039,
0.2743

■ 44.8890, 0.3388,
0.5643

■ 69.2723, 0.3114,
0.2755

■ 44.3953, 0.3349,
0.5723

■ 70.2491, 0.3152,
0.2762

Harmonies

Analogous

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



53.6386, 0.3582, 0.3874



53.6386, 0.3272, 0.3878



53.6386, 0.2935, 0.3697

Triad

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



53.6386, 0.3272, 0.3878



53.6386, 0.2515, 0.2838



53.6386, 0.3609, 0.3170

Complementary

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



53.6386, 0.3272, 0.3878



37.5697, 0.2952, 0.2704

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.



53.6386, 0.3299, 0.2928



53.6386, 0.3272, 0.3878



53.6386, 0.2673, 0.2736

Square

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



53.6386, 0.3272, 0.3878



53.6386, 0.2510, 0.3071



53.6386, 0.2955, 0.2772



53.6386, 0.3787, 0.3450

Rectangle

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



53.6386, 0.3272, 0.3878



53.6386, 0.2740, 0.3500



53.6386, 0.2955, 0.2772



53.6386, 0.3516, 0.3083

Sweetspot

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



53.6409, 0.3272, 0.3878



97.2180, 0.3174, 0.3465



46.8550, 0.3519, 0.3576



20.7592, 0.3178, 0.3481



0.0000, 0.0000, 0.0000



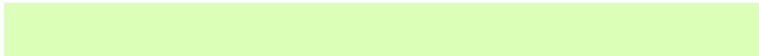
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6409, 0.3272, 0.3878



90.2718, 0.3302, 0.4022



51.2374, 0.3098, 0.3910



12.1388, 0.3188, 0.3524



27.9711, 0.3359, 0.5715



1.3675, 0.3521, 0.5586

Inverse Universe

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



37.5697, 0.2952, 0.2704



57.8123, 0.2904, 0.2562



40.4099, 0.3153, 0.2739



10.5488, 0.3061, 0.3057



4.4995, 0.2051, 0.0904



0.2561, 0.2279, 0.1029

Previews

White Background



This preview shows how the Yxy color 53.6386, 0.3272, 0.3878 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 53.6386, 0.3272, 0.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

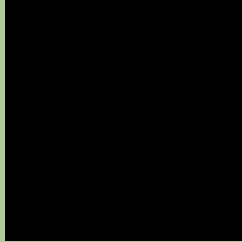
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

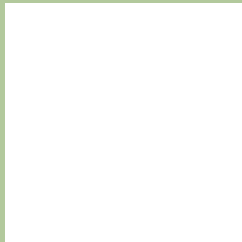
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6386, 0.3272, 0.3878

Background



This preview shows how black text looks on a background with the Yxy color 53.6386, 0.3272, 0.3878.

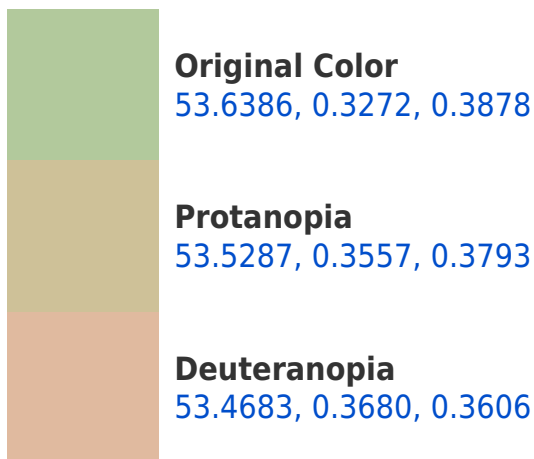


This preview shows how white text looks on a background with the Yxy color 53.6386, 0.3272, 0.3878.

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

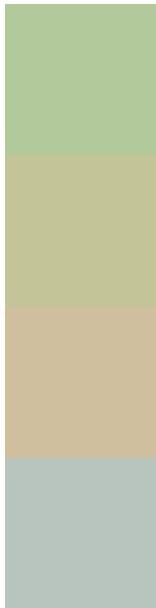




Tritanopia

53.6261, 0.2957, 0.3106

Trichromacy



Original Color

53.6386, 0.3272, 0.3878

Protanomaly

53.5155, 0.3454, 0.3831

Deuteranomaly

52.9956, 0.3523, 0.3695

Tritanomaly

53.7175, 0.3068, 0.3378

Monochromacy



Original Color

53.6386, 0.3272, 0.3878

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6285, 0.3183, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6386, 0.3272, 0.3878 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(178, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(178, 201, 156)  
}
```

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(178, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 201, 156) }
```

Border

The CSS property to change the border of an element to Yxy 53.6386, 0.3272, 0.3878 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(178, 201, 156) }
```

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

```
.border{ border-color:rgb(178, 201, 156) }
```

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

Here you see how a box with a 4 pixel rgb(178, 201, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(178, 201,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6386, 0.3272, 0.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 201, 156) }
```

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

```
.background{ background-color: rgb(178,  
201, 156) }
```

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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