

Converting Colors

$Yxy(50.4415, 0.3279, 0.3790)$

Have a look what the booklet for
Yxy(50.4415, 0.3279, 0.3790)
contains.

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Color

Yxy(50.4489, 0.3282, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	B2C29C
RGB	178, 194, 156
RGB Percent	70%, 76%, 61%
CMY	0.3020, 0.2392, 0.3881
CMYK	0.08, 0.00, 0.20, 0.24
HSL	85°, 24%, 69%
HSV	85°, 20%, 76%
XYZ	43.6523, 50.4489, 38.9040
YIQ	184.8840, 2.6620, -15.2100

Conversions

Conversions Part 2

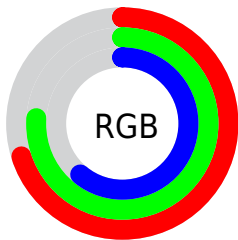
Format	Color
RYB	156, 194, 172
Decimal	11715228
CIELab	76.34, -12.27, 17.29
CIELCh	76, 21.203, 125.347
Yxy	50.4489, 0.3282, 0.3793
Android (android.graphics.Color)	4289905308 (0xFFB2C29C)
YUV	184.8840, -14.2398, -6.0373
Hunter-Lab	71.0274, -14.5946, 17.2441

Details

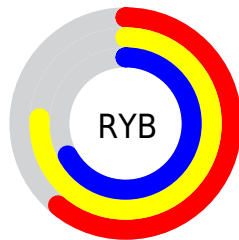
The Yxy color **50.4489, 0.3282, 0.3793** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4608, 0.2947, 0.2780**, and the grayscale version is **48.5286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1899, 0.3255, 0.3701**, and **24.1361, 0.3316, 0.3926** is the 20% darker color. If you saturate the color by 10%, you get **48.9058, 0.3358, 0.4073**, and if you desaturate by 10%, it is **52.1592, 0.3203, 0.3527**.

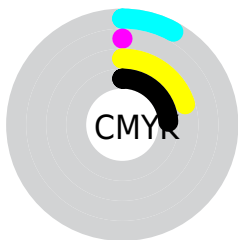
Distribution



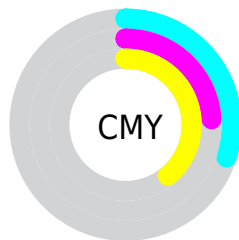
- Red (70%)
- Green (76%)
- Blue (61%)



- Red (61%)
- Yellow (76%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (30%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4489, 0.3282, 0.3793 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 50.4489, 0.3282, 0.3793 by changing the saturation by 10% instead.

 50.4489, 0.3282,
0.3793

 50.4489, 0.3282,
0.3793


388.4188, 0.3209,
0.3539

 35.7702, 0.3299,
0.3857


 90.8396, 0.3256,
0.3700

 24.2568, 0.3320,
0.3939


 117.3205, 0.3247,
0.3666

 15.5242, 0.3346,
0.4049


148.5041, 0.3238,
0.3636

 9.1881, 0.3379,
0.4204

184.7750, 0.3231,
0.3611

 4.8641, 0.3421,
0.4434

226.5176, 0.3224,
0.3590

 2.1677, 0.3480,
0.4826

274.1161, 0.3218,

 0.7023, 0.3439,

0.3571

0.6561

327.9551, 0.3213,
0.3554

0.0000, 0.0000,
0.0000

50.4489, 0.3282,
0.3793

50.4489, 0.3282,
0.3793

48.9058, 0.3358,
0.4073

52.1592, 0.3203,
0.3527

47.5173, 0.3427,
0.4361

54.0356, 0.3124,
0.3280

46.2792, 0.3485,
0.4646

56.0857, 0.3046,
0.3053

45.1846, 0.3526,
0.4917

58.3146, 0.2972,
0.2847

44.2258, 0.3548,
0.5160

60.7271, 0.2902,
0.2662

■ 43.3943, 0.3547,
0.5362

■ 62.1531, 0.2949,
0.2654

■ 42.6801, 0.3522,
0.5513

■ 63.5167, 0.3009,
0.2665

■ 42.0660, 0.3478,
0.5618

■ 64.9444, 0.3069,
0.2677

■ 42.0411, 0.3476,
0.5622

■ 66.4372, 0.3130,
0.2688

Harmonies

Analogous

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



50.4489, 0.3538, 0.3778



50.4489, 0.3282, 0.3793



50.4489, 0.2993, 0.3655

Triad

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



50.4489, 0.3282, 0.3793



50.4489, 0.2596, 0.2922



50.4489, 0.3514, 0.3166

Complementary

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



50.4489, 0.3282, 0.3793



36.4608, 0.2947, 0.2780

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.



50.4489, 0.3245, 0.2962



50.4489, 0.3282, 0.3793



50.4489, 0.2720, 0.2820

Square

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



50.4489, 0.3282, 0.3793



50.4489, 0.2606, 0.3133



50.4489, 0.2954, 0.2837



50.4489, 0.3678, 0.3406

Rectangle

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



50.4489, 0.3282, 0.3793



50.4489, 0.2821, 0.3495



50.4489, 0.2954, 0.2837



50.4489, 0.3432, 0.3092

Sweetspot

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



50.4511, 0.3282, 0.3793



95.6395, 0.3175, 0.3439



43.3220, 0.3470, 0.3498



20.8953, 0.3181, 0.3456



0.0000, 0.0000, 0.0000



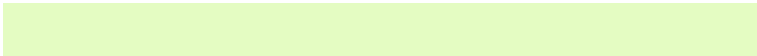
21.4041, 0.3127, 0.3290

Same Dimension

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



50.4511, 0.3282, 0.3793



90.3024, 0.3311, 0.3898



48.3791, 0.3127, 0.3817



11.5398, 0.3201, 0.3522



27.6880, 0.3485, 0.5615



1.2362, 0.3641, 0.5491

Inverse Universe

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



36.4608, 0.2947, 0.2780



60.8548, 0.2906, 0.2672



38.7398, 0.3120, 0.2806



9.9510, 0.3048, 0.3057



3.7819, 0.1891, 0.0815



0.2039, 0.2151, 0.0959

Previews

White Background



This preview shows how the Yxy color 50.4489, 0.3282, 0.3793 looks on a white background.

Color Contrast Check

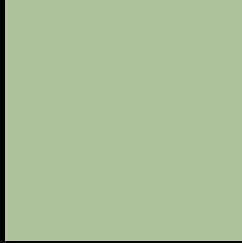
Large Text (above 18pt) WCAG AA × Fail

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 50.4489, 0.3282, 0.3793 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 50.4489, 0.3282, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 50.4489, 0.3282, 0.3793.

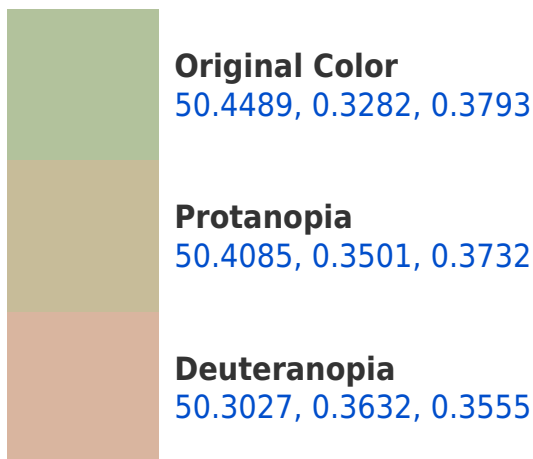


This preview shows how white text looks on a background with the Yxy color 50.4489, 0.3282, 0.3793.

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

50.5450, 0.2998, 0.3115

Trichromacy



Original Color

50.4489, 0.3282, 0.3793

Protanomaly

50.2364, 0.3417, 0.3754

Deuteranomaly

50.2829, 0.3501, 0.3640

Tritanomaly

50.2748, 0.3100, 0.3354

Monochromacy



Original Color

50.4489, 0.3282, 0.3793

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.9675, 0.3185, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4489, 0.3282, 0.3793 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, 194, 156)` looks like.

```
.text, #text, p{  
    color:rgb(178, 194, 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, 194, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 194, 156) }
```

Border

The CSS property to change the border of an element to Yxy 50.4489, 0.3282, 0.3793 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, 194, 156) }
```

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

```
.border{ border-color:rgb(178, 194, 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, 194, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 194, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 194, 156);  
box-shadow:4px 4px 4px 4px rgb(178, 194,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4489, 0.3282, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 194, 156) }
```

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

```
.background{ background-color: rgb(178,  
194, 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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