

Converting Colors

Yxy(52.4656, 0.3602, 0.4131)

Have a look what the booklet for
Yxy(52.4656, 0.3602, 0.4131)
contains.

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Color

Yxy(52.4290, 0.3603, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	C1C482
RGB	193, 196, 130
RGB Percent	76%, 77%, 51%
CMY	0.2431, 0.2314, 0.4903
CMYK	0.02, 0.00, 0.34, 0.23
HSL	63°, 36%, 64%
HSV	63°, 34%, 77%
XYZ	45.7611, 52.4290, 28.8182
YIQ	187.5790, 19.3980, -21.1620

Conversions

Conversions Part 2

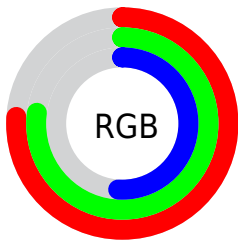
Format	Color
RYB	130, 196, 133
Decimal	12698754
CIELab	77.54, -11.29, 32.86
CIELCh	78, 34.746, 108.966
Yxy	52.4290, 0.3603, 0.4128
Android (android.graphics.Color)	4290888834 (0xFFC1C482)
YUV	187.5790, -28.3864, 4.7542
Hunter-Lab	72.4079, -13.9035, 27.0882

Details

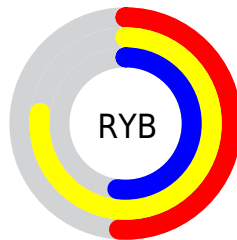
The Yxy color **52.4290, 0.3603, 0.4128** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.9295, 0.2554, 0.2306**, and the grayscale version is **50.1943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0352, 0.3520, 0.3979**, and **25.3285, 0.3707, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **51.8376, 0.3735, 0.4367**, and if you desaturate by 10%, it is **53.1261, 0.3463, 0.3878**.

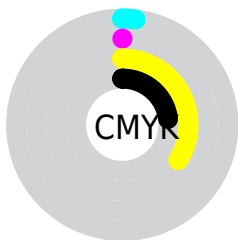
Distribution



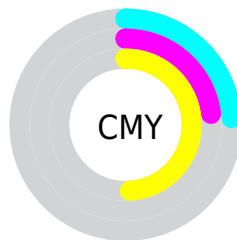
- Red (76%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (52%)



- Cyan (2%)
- Magenta (0%)
- Yellow (34%)
- Black (23%)





- Cyan (24%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4290, 0.3603, 0.4128 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 52.4290, 0.3603, 0.4128 by changing the saturation by 10% instead.


 52.4290, 0.3603,
0.4128

 52.4290, 0.3603,
0.4128


396.0906, 0.3379,
0.3712


 37.3471, 0.3653,
0.4229


 93.7636, 0.3526,
0.3978

 25.4764, 0.3714,
0.4357


 120.7852, 0.3495,
0.3922

 16.4323, 0.3788,
0.4522


 152.5554, 0.3469,
0.3874

 9.8306, 0.3878,
0.4743

189.4587, 0.3446,
0.3832

 5.2868, 0.3980,
0.5044

231.8795, 0.3427,
0.3796

 2.4165, 0.4268,
0.5732

280.2021, 0.3409,

 0.8344, 0.3827,

0.3765

0.6173

334.8110, 0.3393,
0.3737

0.0000, 0.0000,
0.0000

52.4290, 0.3603,
0.4128

52.4290, 0.3603,
0.4128

51.8376, 0.3735,
0.4367

53.1261, 0.3463,
0.3878

51.3390, 0.3854,
0.4585

53.9271, 0.3319,
0.3626

50.9295, 0.3954,
0.4772


54.8391, 0.3178,
0.3379

50.6018, 0.4031,
0.4921


55.8669, 0.3042,
0.3142

50.3479, 0.4081,
0.5027

57.0147, 0.2913,
0.2919


 50.1580, 0.4107,
0.5091

 58.2866, 0.2793,
0.2713

 50.0595, 0.4114,
0.5115

 58.8770, 0.2753,
0.2640

 58.9994, 0.2760,
0.2641

 59.1225, 0.2766,
0.2642

Harmonies

Analogous

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



52.4290, 0.3942, 0.3949



52.4290, 0.3603, 0.4128



52.4290, 0.3150, 0.4055

Triad

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



52.4290, 0.3603, 0.4128



52.4290, 0.2275, 0.2850



52.4290, 0.3523, 0.2905

Complementary

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



52.4290, 0.3603, 0.4128



24.9295, 0.2554, 0.2306

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.



52.4290, 0.3048, 0.2654



52.4290, 0.3603, 0.4128



52.4290, 0.2355, 0.2604

Square

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



52.4290, 0.3603, 0.4128



52.4290, 0.2399, 0.3257



52.4290, 0.2626, 0.2543



52.4290, 0.3906, 0.3249

Rectangle

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



52.4290, 0.3603, 0.4128



52.4290, 0.2849, 0.3855



52.4290, 0.2626, 0.2543



52.4290, 0.3367, 0.2809

Sweetspot

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



52.4314, 0.3603, 0.4128



98.2460, 0.3269, 0.3538



29.8983, 0.3897, 0.3322



20.9796, 0.3289, 0.3573



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.



52.4314, 0.3603, 0.4128



94.2115, 0.3696, 0.4296



48.6485, 0.3325, 0.4210



11.7343, 0.3258, 0.3518



32.1740, 0.4115, 0.5115



1.3975, 0.4134, 0.5100

Inverse Universe

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



24.9295, 0.2554, 0.2306



37.2346, 0.2412, 0.2066



27.9648, 0.2855, 0.2384



9.7693, 0.2990, 0.3052



2.6080, 0.1517, 0.0609



0.1204, 0.1577, 0.0643

Previews

White Background



This preview shows how the Yxy color 52.4290, 0.3603, 0.4128 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 52.4290, 0.3603, 0.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

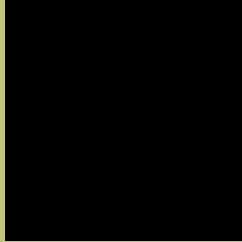
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

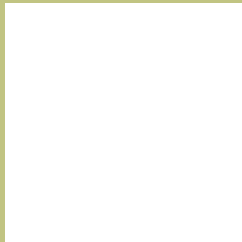
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4290, 0.3603, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 52.4290, 0.3603, 0.4128.



This preview shows how white text looks on a background with the Yxy color 52.4290, 0.3603, 0.4128.

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

52.4290, 0.3603, 0.4128

Protanopia

52.2300, 0.3771, 0.4058

Deuteranopia

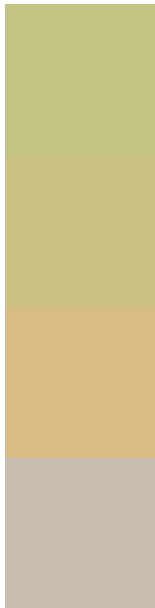
52.0544, 0.3948, 0.3866



Tritanopia

52.3615, 0.3136, 0.3110

Trichromacy



Original Color

52.4290, 0.3603, 0.4128

Protanomaly

52.4214, 0.3710, 0.4081

Deuteranomaly

52.0795, 0.3816, 0.3961

Tritanomaly

52.1036, 0.3311, 0.3464

Monochromacy



Original Color

52.4290, 0.3603, 0.4128

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.9988, 0.3304, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4290, 0.3603, 0.4128 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(193, 196, 130)` looks like.

```
.text, #text, p{  
    color:rgb(193, 196, 130)  
}
```

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(193, 196, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 196, 130) }
```

Border

The CSS property to change the border of an element to Yxy 52.4290, 0.3603, 0.4128 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(193, 196, 130) }
```

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

```
.border{ border-color:rgb(193, 196, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 196, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 196, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 196, 130); box-shadow:4px 4px 4px 4px rgb(193, 196, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4290, 0.3603, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 196, 130) }
```

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

```
.background{ background-color: rgb(193,  
196, 130) }
```

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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