

Converting Colors

Yxy(52.6681, 0.3484, 0.4021)

Have a look what the booklet for
Yxy(52.6681, 0.3484, 0.4021)
contains.

Yxy(52.6448, 0.3490, 0.4022)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.6448, 0.3490, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	BDC58C
RGB	189, 197, 140
RGB Percent	74%, 77%, 55%
CMY	0.2589, 0.2274, 0.4510
CMYK	0.04, 0.00, 0.29, 0.23
HSL	68°, 33%, 66%
HSV	68°, 29%, 77%
XYZ	45.6813, 52.6448, 32.5660
YIQ	188.1100, 13.5290, -19.4230

Conversions

Conversions Part 2

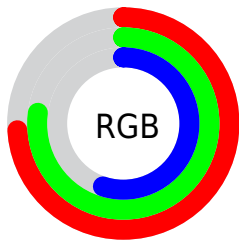
Format	Color
RYB	140, 197, 148
Decimal	12436876
CIELab	77.66, -12.07, 27.74
CIELCh	78, 30.253, 113.519
Yxy	52.6448, 0.3490, 0.4022
Android (android.graphics.Color)	4290626956 (0xFFBDC58C)
YUV	188.1100, -23.7182, 0.7805
Hunter-Lab	72.5567, -14.5916, 24.1783

Details

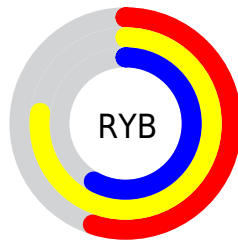
The Yxy color **52.6448, 0.3490, 0.4022** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.0895, 0.2695, 0.2475**, and the grayscale version is **50.4859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3715, 0.3431, 0.3893**, and **25.5171, 0.3581, 0.4227** is the 20% darker color. If you saturate the color by 10%, you get **51.7651, 0.3610, 0.4278**, and if you desaturate by 10%, it is **53.6400, 0.3365, 0.3763**.

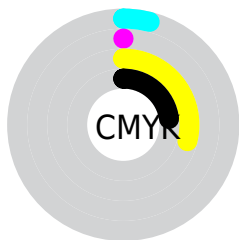
Distribution



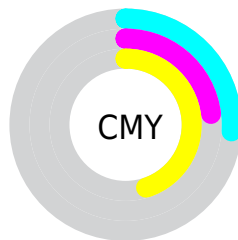
- Red (74%)
- Green (77%)
- Blue (55%)



- Red (55%)
- Yellow (77%)
- Blue (58%)



- Cyan (4%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)





- Cyan (26%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6448, 0.3490, 0.4022 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 52.6448, 0.3490, 0.4022 by changing the saturation by 10% instead.


 52.6448, 0.3490,
0.4022


 52.6448, 0.3490,
0.4022


396.9209, 0.3319,
0.3657


 37.5193, 0.3529,
0.4112


 94.0815, 0.3431,
0.3890

 25.6098, 0.3576,
0.4227


 121.1615, 0.3407,
0.3840

 16.5320, 0.3635,
0.4377


 152.9950, 0.3388,
0.3798

 9.9014, 0.3707,
0.4581

189.9666, 0.3370,
0.3762

 5.3336, 0.3794,
0.4870

232.4606, 0.3355,
0.3730

 2.4443, 0.4046,
0.5524

280.8614, 0.3342,

 0.8485, 0.3762,

0.3703

0.6238

335.5533, 0.3330,
0.3678

0.0000, 0.0000,
0.0000

52.6448, 0.3490,
0.4022

52.6448, 0.3490,
0.4022

51.7651, 0.3610,
0.4278

53.6400, 0.3365,
0.3763

50.9884, 0.3718,
0.4522

54.7489, 0.3238,
0.3508

50.3108, 0.3811,
0.4743

55.9787, 0.3114,
0.3265


49.7257, 0.3882,
0.4931


57.3339, 0.2995,
0.3035

49.2252, 0.3928,
0.5078


58.8188, 0.2883,
0.2823

 48.8003, 0.3948,
0.5180


 60.2289, 0.2798,
0.2659

 48.4360, 0.3946,
0.5243

 60.6292, 0.2817,
0.2663

 48.3986, 0.3946,
0.5249

 61.0366, 0.2837,
0.2666

 61.4510, 0.2856,
0.2669

Harmonies

Analogous

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



52.6448, 0.3805, 0.3904



52.6448, 0.3490, 0.4022



52.6448, 0.3090, 0.3917

Triad

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



52.6448, 0.3490, 0.4022



52.6448, 0.2377, 0.2867



52.6448, 0.3532, 0.2996

Complementary

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



52.6448, 0.3490, 0.4022



29.0895, 0.2695, 0.2475

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.



52.6448, 0.3123, 0.2757



52.6448, 0.3490, 0.4022



52.6448, 0.2475, 0.2671

Square

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



52.6448, 0.3490, 0.4022



52.6448, 0.2461, 0.3206



52.6448, 0.2740, 0.2638



52.6448, 0.3838, 0.3308

Rectangle

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



52.6448, 0.3490, 0.4022



52.6448, 0.2831, 0.3725



52.6448, 0.2740, 0.2638



52.6448, 0.3400, 0.2905

Sweetspot

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



52.6471, 0.3490, 0.4022



98.0004, 0.3241, 0.3513



34.8220, 0.3731, 0.3393



20.9106, 0.3259, 0.3551



0.0000, 0.0000, 0.0000



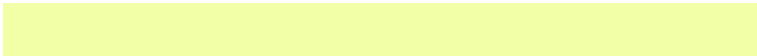
21.4041, 0.3127, 0.3290

Same Dimension

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



52.6471, 0.3490, 0.4022



93.2146, 0.3570, 0.4192



49.3992, 0.3253, 0.4081



12.3383, 0.3244, 0.3520



31.8570, 0.3949, 0.5246



1.5298, 0.4003, 0.5204

Inverse Universe

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



29.0895, 0.2695, 0.2475



43.9064, 0.2576, 0.2258



32.0323, 0.2956, 0.2533



10.3580, 0.3004, 0.3053



2.8339, 0.1561, 0.0633



0.1580, 0.1720, 0.0721

Previews

White Background



This preview shows how the Yxy color 52.6448, 0.3490, 0.4022 looks on a white background.

Color Contrast Check

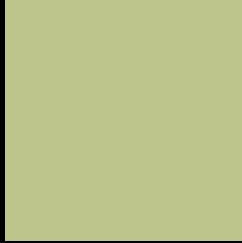
Large Text (above 18pt) WCAG AA × Fail

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 52.6448, 0.3490, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

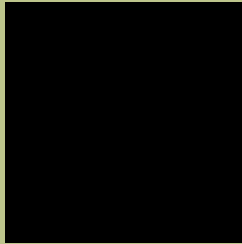
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6448, 0.3490, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 52.6448, 0.3490, 0.4022.



This preview shows how white text looks on a background with the Yxy color 52.6448, 0.3490, 0.4022.

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

52.6448, 0.3490, 0.4022

Protanopia

52.6561, 0.3671, 0.3954

Deuteranopia

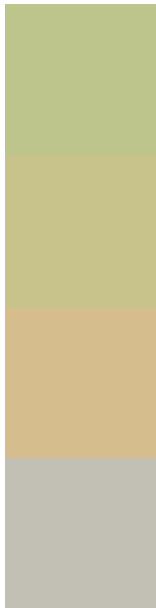
52.4329, 0.3841, 0.3767



Tritanopia

52.6251, 0.3079, 0.3109

Trichromacy



Original Color

52.6448, 0.3490, 0.4022

Protanomaly

52.7270, 0.3603, 0.3977

Deuteranomaly

52.4943, 0.3713, 0.3858

Tritanomaly

52.5048, 0.3227, 0.3427

Monochromacy



Original Color

52.6448, 0.3490, 0.4022

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8932, 0.3256, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6448, 0.3490, 0.4022 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(189, 197, 140)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 140)  
}
```

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(189, 197, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.6448, 0.3490, 0.4022 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(189, 197, 140) }
```

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

```
.border{ border-color:rgb(189, 197, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 140);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6448, 0.3490, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 140) }
```

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

```
.background{ background-color: rgb(189,  
197, 140) }
```

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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