

Converting Colors

Yxy(52.9694, 0.3648, 0.4152)

Have a look what the booklet for
Yxy(52.9694, 0.3648, 0.4152)
contains.

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Color

Yxy(52.7741, 0.3644, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	C4C480
RGB	196, 196, 128
RGB Percent	77%, 77%, 50%
CMY	0.2313, 0.2314, 0.4979
CMYK	0.00, 0.00, 0.35, 0.23
HSL	60°, 37%, 64%
HSV	60°, 35%, 77%
XYZ	46.4066, 52.7741, 28.1700
YIQ	188.2480, 21.8280, -21.1480

Conversions

Conversions Part 2

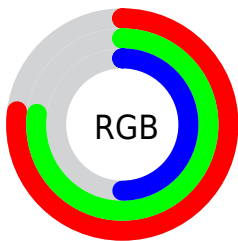
Format	Color
RYB	128, 196, 128
Decimal	12895360
CIELab	77.74, -10.34, 34.18
CIELCh	78, 35.713, 106.832
Yxy	52.7741, 0.3644, 0.4144
Android (android.graphics.Color)	4291085440 (0xFFC4C480)
YUV	188.2480, -29.7023, 6.7985
Hunter-Lab	72.6458, -13.1032, 27.8611

Details

The Yxy color **52.7741, 0.3644, 0.4144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.0285, 0.2507, 0.2265**, and the grayscale version is **50.6044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5106, 0.3553, 0.3994**, and **25.5588, 0.3762, 0.4364** is the 20% darker color. If you saturate the color by 10%, you get **52.3058, 0.3784, 0.4375**, and if you desaturate by 10%, it is **53.3469, 0.3496, 0.3899**.

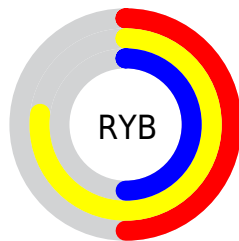
Distribution



Red (77%)

Green (77%)

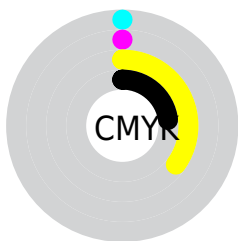
Blue (50%)



Red (50%)

Yellow (77%)

Blue (50%)

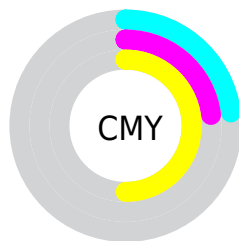


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (23%)



Cyan (23%)


Magenta (23%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7741, 0.3644, 0.4144 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 52.7741, 0.3644, 0.4144 by changing the saturation by 10% instead.


 52.7741, 0.3644,
0.4144


 52.7741, 0.3644,
0.4144


397.4178, 0.3401,
0.3722


 37.6225, 0.3699,
0.4246


 94.2719, 0.3560,
0.3993

 25.6898, 0.3765,
0.4374


 121.3868, 0.3527,
0.3935

 16.5917, 0.3845,
0.4539


 153.2583, 0.3499,
0.3886

 9.9438, 0.3942,
0.4756

190.2707, 0.3474,
0.3844

 5.3617, 0.4052,
0.5049

232.8085, 0.3452,
0.3808

 2.4610, 0.4324,
0.5676

281.2560, 0.3433,

 0.8570, 0.3961,

0.3776

0.6039

335.9977, 0.3416,
0.3747

0.0000, 0.0000,
0.0000

52.7741, 0.3644,
0.4144

52.7741, 0.3644,
0.4144

52.3058, 0.3784,
0.4375

53.3469, 0.3496,
0.3899

51.9291, 0.3909,
0.4582

54.0224, 0.3345,
0.3650

51.6399, 0.4015,
0.4757


54.8077, 0.3196,
0.3403

51.4313, 0.4097,
0.4892


55.7077, 0.3052,
0.3165

51.2948, 0.4153,
0.4984


56.7266, 0.2915,
0.2940


 51.2206, 0.4184,
0.5035

 57.8685, 0.2789,
0.2731

 51.1960, 0.4194,
0.5052

 58.4602, 0.2732,
0.2637

 58.4635, 0.2732,
0.2637

 58.4668, 0.2732,
0.2637

Harmonies

Analogous

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



52.7741, 0.3980, 0.3944



52.7741, 0.3644, 0.4144



52.7741, 0.3184, 0.4091

Triad

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



52.7741, 0.3644, 0.4144



52.7741, 0.2257, 0.2863



52.7741, 0.3500, 0.2874

Complementary

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



52.7741, 0.3644, 0.4144



24.0285, 0.2507, 0.2265

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.



52.7741, 0.3011, 0.2626



52.7741, 0.3644, 0.4144



52.7741, 0.2324, 0.2599

Square

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



52.7741, 0.3644, 0.4144



52.7741, 0.2398, 0.3289



52.7741, 0.2588, 0.2524



52.7741, 0.3905, 0.3220

Rectangle

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



52.7741, 0.3644, 0.4144



52.7741, 0.2873, 0.3897



52.7741, 0.2588, 0.2524



52.7741, 0.3338, 0.2778

Sweetspot

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



52.7765, 0.3644, 0.4144



98.4591, 0.3277, 0.3537



28.7724, 0.3926, 0.3277



21.0316, 0.3298, 0.3572



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.



52.7765, 0.3644, 0.4144



94.8897, 0.3756, 0.4330



48.8521, 0.3359, 0.4232



11.7577, 0.3265, 0.3517



32.8876, 0.4194, 0.5052



1.4212, 0.4194, 0.5052

Inverse Universe

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



24.0285, 0.2507, 0.2265



34.6674, 0.2338, 0.1985



26.9966, 0.2812, 0.2345



9.7486, 0.2983, 0.3052



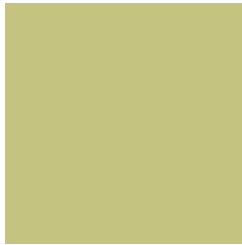
2.5622, 0.1500, 0.0600



0.1109, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 52.7741, 0.3644, 0.4144 looks on a white background.

Color Contrast Check

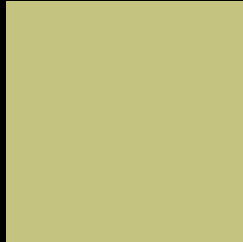
Large Text (above 18pt) WCAG AA × Fail

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 52.7741, 0.3644, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

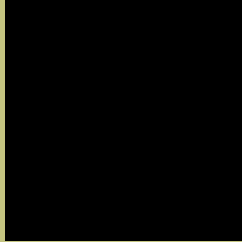
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7741, 0.3644, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 52.7741, 0.3644, 0.4144.



This preview shows how white text looks on a background with the Yxy color 52.7741, 0.3644, 0.4144.

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

52.7741, 0.3644, 0.4144

Protanopia

52.6155, 0.3782, 0.4092

Deuteranopia

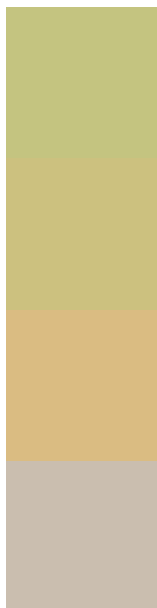
52.7427, 0.3978, 0.3895



Tritanopia

52.7841, 0.3160, 0.3112

Trichromacy



Original Color

52.7741, 0.3644, 0.4144

Protanomaly

52.5096, 0.3734, 0.4102

Deuteranomaly

52.4836, 0.3859, 0.3977

Tritanomaly

52.4786, 0.3345, 0.3475

Monochromacy



Original Color

52.7741, 0.3644, 0.4144

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0911, 0.3320, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7741, 0.3644, 0.4144 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(196, 196, 128)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 128)  
}
```

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(196, 196, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 128) }
```

Border

The CSS property to change the border of an element to Yxy 52.7741, 0.3644, 0.4144 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(196, 196, 128) }
```

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

```
.border{ border-color:rgb(196, 196, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 128);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7741, 0.3644, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 128) }
```

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

```
.background{ background-color: rgb(196,  
196, 128) }
```

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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