

Converting Colors

Yxy(52.9158, 0.3210, 0.3529)

Have a look what the booklet for
Yxy(52.9158, 0.3210, 0.3529)
contains.

Yxy(52.8562, 0.3213, 0.3531)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8562, 0.3213, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	BCC3B0
RGB	188, 195, 176
RGB Percent	74%, 76%, 69%
CMY	0.2626, 0.2353, 0.3098
CMYK	0.04, 0.00, 0.10, 0.24
HSL	82°, 14%, 73%
HSV	82°, 10%, 76%
XYZ	48.0960, 52.8562, 48.7397
YIQ	190.7410, 1.9270, -7.3930

Conversions

Conversions Part 2

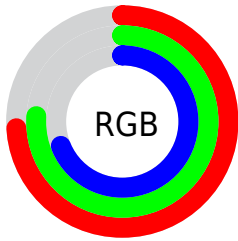
Format	Color
RYB	176, 195, 183
Decimal	12370864
CIELab	77.79, -5.83, 8.71
CIELCh	78, 10.484, 123.783
Yxy	52.8562, 0.3213, 0.3531
Android (android.graphics.Color)	4290560944 (0xFFBCC3B0)
YUV	190.7410, -7.2673, -2.4039
Hunter-Lab	72.7023, -9.1428, 11.1435

Details

The Yxy color **52.8562, 0.3213, 0.3531** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0524, 0.3035, 0.3046**, and the grayscale version is **51.9881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6801, 0.3194, 0.3488**, and **25.6559, 0.3233, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **51.2555, 0.3301, 0.3795**, and if you desaturate by 10%, it is **54.6173, 0.3125, 0.3284**.

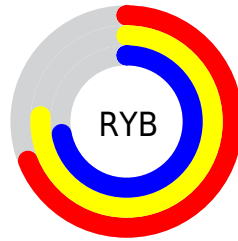
Distribution



Red (74%)

Green (76%)

Blue (69%)



Red (69%)

Yellow (76%)

Blue (72%)

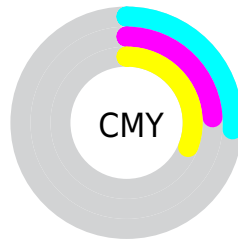


Cyan (4%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8562, 0.3213, 0.3531 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 52.8562, 0.3213, 0.3531 by changing the saturation by 10% instead.

 52.8562, 0.3213,
0.3531

 52.8562, 0.3213,
0.3531

397.7332, 0.3172,
0.3412

 37.6880, 0.3223,
0.3560


 94.3927, 0.3198,
0.3488

 25.7406, 0.3235,
0.3598


121.5298, 0.3193,
0.3472

 16.6297, 0.3251,
0.3648

153.4254, 0.3188,
0.3458

 9.9708, 0.3273,
0.3717

190.4637, 0.3184,
0.3446

 5.3796, 0.3303,
0.3819

233.0293, 0.3180,
0.3436

 2.4717, 0.3349,
0.3983

281.5065, 0.3177,

 0.8624, 0.3623,

0.3427

0.4613

336.2796, 0.3174,
0.3419

0.0000, 0.0000,
0.0000

52.8562, 0.3213,
0.3531

52.8562, 0.3213,
0.3531

51.2555, 0.3301,
0.3795

54.6173, 0.3125,
0.3284

49.8030, 0.3387,
0.4071

56.5371, 0.3039,
0.3056

48.4954, 0.3465,
0.4353

58.6225, 0.2957,
0.2848

47.3264, 0.3532,
0.4630

60.8783, 0.2880,
0.2660

46.2894, 0.3583,
0.4891

62.0595, 0.2925,
0.2660

■ 45.3771, 0.3613,
0.5122

■ 63.2242, 0.2977,
0.2670

■ 44.5813, 0.3619,
0.5312

■ 64.4375, 0.3029,
0.2679

■ 43.8922, 0.3601,
0.5454

■ 65.7000, 0.3082,
0.2689

■ 43.2924, 0.3563,
0.5551

■ 67.0121, 0.3135,
0.2699

Harmonies

Analogous

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



52.8562, 0.3334, 0.3525



52.8562, 0.3213, 0.3531



52.8562, 0.3071, 0.3468

Triad

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



52.8562, 0.3213, 0.3531



52.8562, 0.2862, 0.3117



52.8562, 0.3309, 0.3225

Complementary

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



52.8562, 0.3213, 0.3531



45.0524, 0.3035, 0.3046

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.



52.8562, 0.3179, 0.3122



52.8562, 0.3213, 0.3531



52.8562, 0.2922, 0.3059

Square

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



52.8562, 0.3213, 0.3531



52.8562, 0.2871, 0.3225



52.8562, 0.3037, 0.3061



52.8562, 0.3391, 0.3346

Rectangle

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



52.8562, 0.3213, 0.3531



52.8562, 0.2984, 0.3396



52.8562, 0.3037, 0.3061



52.8562, 0.3269, 0.3187

Sweetspot

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



52.8585, 0.3213, 0.3531



96.7526, 0.3154, 0.3363



48.4577, 0.3287, 0.3375



21.1309, 0.3161, 0.3383



0.0000, 0.0000, 0.0000



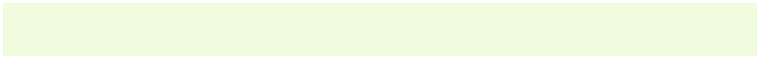
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8585, 0.3213, 0.3531



93.9476, 0.3235, 0.3594



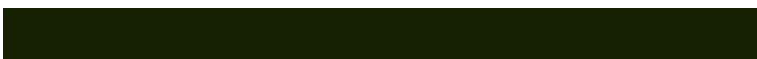
51.7286, 0.3138, 0.3536



11.5678, 0.3210, 0.3521



28.1784, 0.3570, 0.5547



1.2555, 0.3711, 0.5435

Inverse Universe

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



45.0524, 0.3035, 0.3046



76.7499, 0.3010, 0.2981



46.2153, 0.3114, 0.3052



9.9237, 0.3039, 0.3056



3.4873, 0.1803, 0.0767



0.1899, 0.2065, 0.0911

Previews

White Background



This preview shows how the Yxy color 52.8562, 0.3213, 0.3531 looks on a white background.

Color Contrast Check

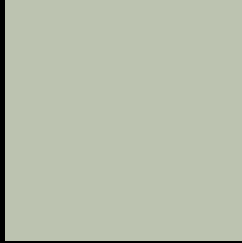
Large Text (above 18pt) WCAG AA × Fail

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 52.8562, 0.3213, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

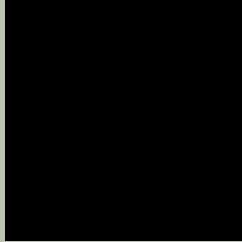
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

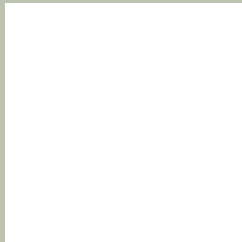
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8562, 0.3213, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 52.8562, 0.3213, 0.3531.



This preview shows how white text looks on a background with the Yxy color 52.8562, 0.3213, 0.3531.

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

52.8562, 0.3213, 0.3531

Protanopia

52.5970, 0.3334, 0.3501

Deuteranopia

52.5112, 0.3451, 0.3374



Tritanopia

52.9243, 0.3024, 0.3107

Trichromacy



Original Color

52.8562, 0.3213, 0.3531

Protanomaly

52.5302, 0.3291, 0.3503

Deuteranomaly

52.6913, 0.3365, 0.3437

Tritanomaly

52.7158, 0.3097, 0.3253

Monochromacy



Original Color

52.8562, 0.3213, 0.3531

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1916, 0.3156, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8562, 0.3213, 0.3531 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(188, 195, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 176)  
}
```

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(188, 195, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 176) }
```

Border

The CSS property to change the border of an element to Yxy 52.8562, 0.3213, 0.3531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

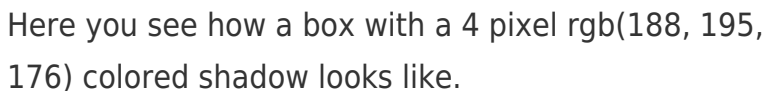
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 195, 176) }
```

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

```
.border{ border-color:rgb(188, 195, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 195, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8562, 0.3213, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 176) }
```

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

```
.background{ background-color: rgb(188,  
195, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor