

Converting Colors

Yxy(53.3380, 0.3267, 0.3515)

Have a look what the booklet for
Yxy(53.3380, 0.3267, 0.3515)
contains.

Yxy(53.3203, 0.3272, 0.3515)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.3203, 0.3272, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	C3C2B0
RGB	195, 194, 176
RGB Percent	76%, 76%, 69%
CMY	0.2353, 0.2392, 0.3099
CMYK	0.00, 0.01, 0.10, 0.24
HSL	57°, 14%, 73%
HSV	57°, 10%, 76%
XYZ	49.6341, 53.3203, 48.7392
YIQ	192.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

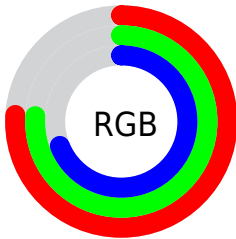
Format	Color
RYB	177, 195, 176
Decimal	12829360
CIELab	78.06, -2.81, 9.19
CIELCh	78, 9.606, 106.989
Yxy	53.3203, 0.3272, 0.3515
Android (android.graphics.Color)	4291019440 (0xFFC3C2B0)
YUV	192.2470, -8.0098, 2.4144
Hunter-Lab	73.0208, -6.4551, 11.5402

Details

The Yxy color **53.3203, 0.3272, 0.3515** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.6076, 0.2977, 0.3055**, and the grayscale version is **52.9103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8929, 0.3247, 0.3466**, and **25.8741, 0.3303, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **52.1477, 0.3426, 0.3752**, and if you desaturate by 10%, it is **54.6116, 0.3124, 0.3285**.

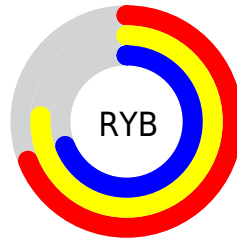
Distribution



Red (76%)

Green (76%)

Blue (69%)



Red (69%)

Yellow (76%)

Blue (69%)

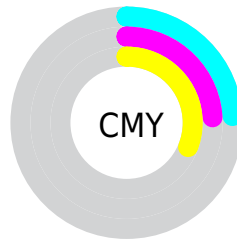


Cyan (0%)

Magenta (1%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (24%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3203, 0.3272, 0.3515 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 53.3203, 0.3272, 0.3515 by changing the saturation by 10% instead.


 53.3203, 0.3272,
0.3515

 53.3203, 0.3272,
0.3515


399.5128, 0.3202,
0.3404

 38.0585, 0.3289,
0.3542


 95.0755, 0.3247,
0.3475

 26.0281, 0.3311,
0.3577


122.3378, 0.3237,
0.3460

 16.8447, 0.3339,
0.3622


154.3689, 0.3229,
0.3447

 10.1238, 0.3377,
0.3684

191.5534, 0.3222,
0.3436

 5.4811, 0.3432,
0.3776

234.2757, 0.3216,
0.3427

 2.5322, 0.3517,
0.3921

282.9201, 0.3211,

 0.8927, 0.3895,

0.3418

0.4458

337.8710, 0.3206,
0.3411

0.0000, 0.0000,
0.0000

53.3203, 0.3272,
0.3515

53.3203, 0.3272,
0.3515

52.1477, 0.3426,
0.3752

54.6116, 0.3124,
0.3285

51.0822, 0.3582,
0.3989

56.0191, 0.2983,
0.3065

50.1210, 0.3734,
0.4219

57.5493, 0.2853,
0.2860

49.2587, 0.3878,
0.4432

59.2061, 0.2733,
0.2669

48.4893, 0.4006,
0.4618

59.7450, 0.2728,
0.2671

■ 47.8061, 0.4114,
0.4769

■ 60.2219, 0.2729,
0.2683

■ 47.2015, 0.4198,
0.4879

■ 60.7020, 0.2730,
0.2694

■ 46.6668, 0.4254,
0.4946

■ 61.1853, 0.2731,
0.2706

■ 46.1851, 0.4288,
0.4976

■ 61.6719, 0.2732,
0.2718

Harmonies

Analogous

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



53.3203, 0.3357, 0.3476



53.3203, 0.3272, 0.3515



53.3203, 0.3149, 0.3492

Triad

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



53.3203, 0.3272, 0.3515



53.3203, 0.2881, 0.3183



53.3203, 0.3230, 0.3174

Complementary

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



53.3203, 0.3272, 0.3515



44.6076, 0.2977, 0.3055

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.



53.3203, 0.3101, 0.3099



53.3203, 0.3272, 0.3515



53.3203, 0.2901, 0.3102

Square

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



53.3203, 0.3272, 0.3515



53.3203, 0.2925, 0.3296



53.3203, 0.2981, 0.3072



53.3203, 0.3333, 0.3279

Rectangle

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



53.3203, 0.3272, 0.3515



53.3203, 0.3063, 0.3443



53.3203, 0.2981, 0.3072



53.3203, 0.3188, 0.3144

Sweetspot

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



53.3226, 0.3272, 0.3515



97.0164, 0.3172, 0.3359



45.8307, 0.3286, 0.3274



21.2039, 0.3184, 0.3378



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.



53.3226, 0.3272, 0.3515



94.9609, 0.3309, 0.3572



52.7039, 0.3203, 0.3532



11.6641, 0.3266, 0.3506



30.0464, 0.4288, 0.4978



1.3266, 0.4265, 0.4996

Inverse Universe

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



44.6076, 0.2977, 0.3055



75.7927, 0.2937, 0.2991



45.2019, 0.3046, 0.3046



9.8316, 0.2983, 0.3065



2.7454, 0.1511, 0.0639



0.1487, 0.1550, 0.0780

Previews

White Background



This preview shows how the Yxy color 53.3203, 0.3272, 0.3515 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 53.3203, 0.3272, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

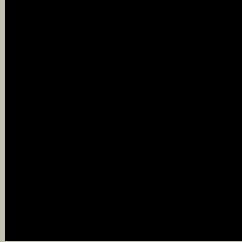
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

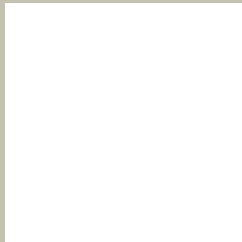
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3203, 0.3272, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 53.3203, 0.3272, 0.3515.



This preview shows how white text looks on a background with the Yxy color 53.3203, 0.3272, 0.3515.

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

53.3203, 0.3272, 0.3515

Protanopia

53.2119, 0.3333, 0.3500

Deuteranopia

53.0839, 0.3457, 0.3385



Tritanopia

53.3768, 0.3087, 0.3110

Trichromacy



Original Color

53.3203, 0.3272, 0.3515

Protanomaly

53.3772, 0.3314, 0.3513

Deuteranomaly

53.1248, 0.3390, 0.3435

Tritanomaly

53.1624, 0.3161, 0.3254

Monochromacy



Original Color

53.3203, 0.3272, 0.3515

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0226, 0.3180, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3203, 0.3272, 0.3515 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(195, 194, 176)` looks like.

```
.text, #text, p{  
    color:rgb(195, 194, 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(195, 194, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 194, 176) }
```

Border

The CSS property to change the border of an element to Yxy 53.3203, 0.3272, 0.3515 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(195, 194, 176) }
```

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

```
.border{ border-color:rgb(195, 194, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 194, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 194, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 194, 176);  
box-shadow:4px 4px 4px 4px rgb(195, 194,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3203, 0.3272, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 194, 176) }
```

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

```
.background{ background-color: rgb(195,  
194, 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