

Converting Colors

Yxy(53.6328, 0.3276, 0.3451)

Have a look what the booklet for
Yxy(53.6328, 0.3276, 0.3451)
contains.

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Color

Yxy(53.5773, 0.3275, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	C7C1B4
RGB	199, 193, 180
RGB Percent	78%, 76%, 71%
CMY	0.2197, 0.2431, 0.2940
CMYK	0.00, 0.03, 0.10, 0.22
HSL	41°, 14%, 74%
HSV	41°, 10%, 78%
XYZ	50.8596, 53.5773, 50.8596
YIQ	193.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

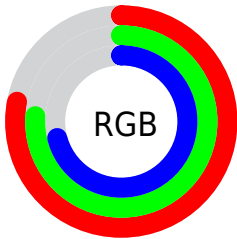
Format	Color
RYB	189, 199, 180
Decimal	13091252
CIELab	78.21, -0.17, 7.26
CIELCh	78, 7.261, 91.343
Yxy	53.5773, 0.3275, 0.3450
Android (android.graphics.Color)	4291281332 (0xFFC7C1B4)
YUV	193.3120, -6.5628, 4.9884
Hunter-Lab	73.1965, -4.0656, 10.0407

Details

The Yxy color **53.5773, 0.3275, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.9502, 0.2981, 0.3125**, and the grayscale version is **53.5582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0675, 0.3243, 0.3416**, and **26.3082, 0.3316, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **50.1118, 0.3445, 0.3626**, and if you desaturate by 10%, it is **57.2815, 0.3120, 0.3282**.

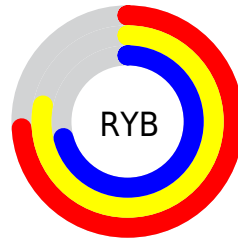
Distribution



Red (78%)

Green (76%)

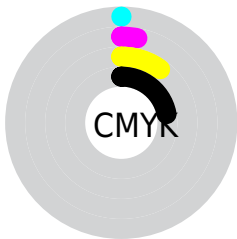
Blue (71%)



Red (74%)

Yellow (78%)

Blue (71%)

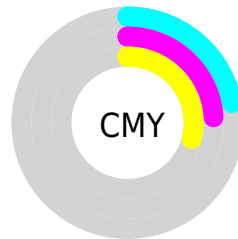


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (24%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5773, 0.3275, 0.3450 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 53.5773, 0.3275, 0.3450 by changing the saturation by 10% instead.


 53.5773, 0.3275,
0.3450

 53.5773, 0.3275,
0.3450


400.4961, 0.3203,
0.3372

 38.2638, 0.3293,
0.3469

 95.4533, 0.3249,
0.3422

 26.1875, 0.3315,
0.3493


122.7847, 0.3239,
0.3411

 16.9640, 0.3344,
0.3525


154.8907, 0.3231,
0.3402

 10.2088, 0.3384,
0.3568

192.1559, 0.3224,
0.3395

 5.5376, 0.3442,
0.3631

234.9647, 0.3217,
0.3388

 2.5660, 0.3532,
0.3729

283.7014, 0.3212,

 0.9096, 0.3819,

0.3382

0.4038

338.7504, 0.3207,
0.3377

0.0000, 0.0000,
0.0000

53.5773, 0.3275,
0.3450

53.5773, 0.3275,
0.3450

50.1118, 0.3445,
0.3626

57.2815, 0.3120,
0.3282

46.8716, 0.3630,
0.3805

61.2233, 0.2980,
0.3124

43.8522, 0.3827,
0.3983

65.4110, 0.2856,
0.2977

41.0465, 0.4030,
0.4150

69.5483, 0.2770,
0.2889

38.4466, 0.4235,
0.4298

72.8640, 0.2775,
0.2959

36.0441, 0.4431,
0.4416

76.3040, 0.2780,
0.3028

33.8295, 0.4609,
0.4492

79.8696, 0.2785,
0.3096

31.7917, 0.4759,
0.4519

83.5623, 0.2790,
0.3164

29.9124, 0.4882,
0.4502

87.3831, 0.2795,
0.3231

Harmonies

Analogous

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



53.5773, 0.3316, 0.3400



53.5773, 0.3275, 0.3450



53.5773, 0.3195, 0.3457

Triad

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



53.5773, 0.3275, 0.3450



53.5773, 0.2952, 0.3253



53.5773, 0.3155, 0.3168

Complementary

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



53.5773, 0.3275, 0.3450



48.9502, 0.2981, 0.3125

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.



53.5773, 0.3058, 0.3129



53.5773, 0.3275, 0.3450



53.5773, 0.2942, 0.3176

Square

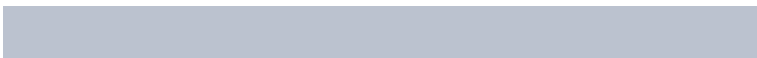
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5773, 0.3275, 0.3450



53.5773, 0.3009, 0.3342



53.5773, 0.2980, 0.3132



53.5773, 0.3246, 0.3239

Rectangle

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



53.5773, 0.3275, 0.3450



53.5773, 0.3130, 0.3435



53.5773, 0.2980, 0.3132



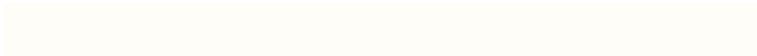
53.5773, 0.3122, 0.3151

Sweetspot

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



53.5796, 0.3275, 0.3450



97.9886, 0.3173, 0.3340



48.3429, 0.3243, 0.3216



20.8599, 0.3185, 0.3354



0.0000, 0.0000, 0.0000



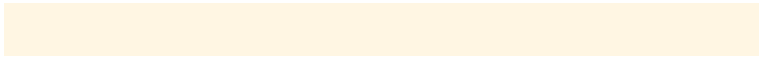
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5796, 0.3275, 0.3450



92.8127, 0.3302, 0.3478



55.8028, 0.3239, 0.3524



11.8314, 0.3273, 0.3448



19.3458, 0.4876, 0.4510



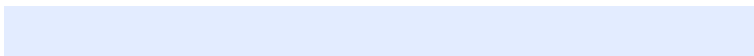
1.0417, 0.4701, 0.4650

Inverse Universe

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



48.9502, 0.2981, 0.3125



83.4123, 0.2955, 0.3094



46.9096, 0.3009, 0.3049



10.8239, 0.2983, 0.3127



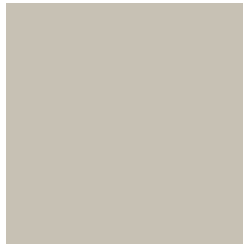
5.0567, 0.1625, 0.1049



0.3707, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 53.5773, 0.3275, 0.3450 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 53.5773, 0.3275, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

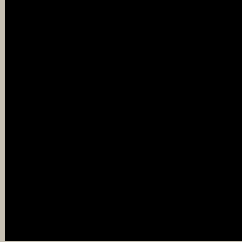
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

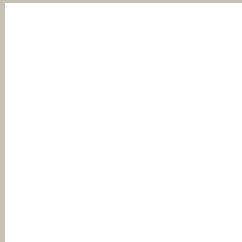
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5773, 0.3275, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 53.5773, 0.3275, 0.3450.

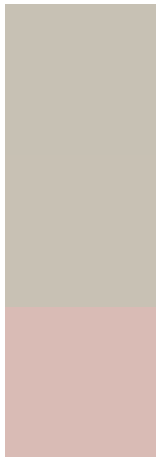


This preview shows how white text looks on a background with the Yxy color 53.5773, 0.3275, 0.3450.

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

53.5773, 0.3275, 0.3450

Protanopia

53.7146, 0.3284, 0.3450

Deuteranopia

53.6286, 0.3430, 0.3361



Tritanopia

53.3114, 0.3119, 0.3111

Trichromacy



Original Color

53.5773, 0.3275, 0.3450

Protanomaly

53.7146, 0.3284, 0.3450

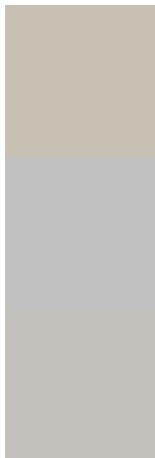
Deuteranomaly

53.4330, 0.3366, 0.3387

Tritanomaly

53.1845, 0.3179, 0.3230

Monochromacy



Original Color

53.5773, 0.3275, 0.3450

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3729, 0.3181, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5773, 0.3275, 0.3450 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(199, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 180)  
}
```

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(199, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 180) }
```

Border

The CSS property to change the border of an element to Yxy 53.5773, 0.3275, 0.3450 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(199, 193, 180) }
```

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

```
.border{ border-color:rgb(199, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5773, 0.3275, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 180) }
```

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

```
.background{ background-color: rgb(199,  
193, 180) }
```

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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