

Converting Colors

$Y_{xy}(52.7950, 0.3285, 0.3522)$

Have a look what the booklet for
Yxy(52.7950, 0.3285, 0.3522)
contains.

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Color

Yxy(52.7980, 0.3289, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C3C1AE
RGB	195, 193, 174
RGB Percent	76%, 76%, 68%
CMY	0.2352, 0.2432, 0.3177
CMYK	0.00, 0.01, 0.11, 0.24
HSL	54°, 15%, 72%
HSV	54°, 11%, 76%
XYZ	49.2213, 52.7980, 47.6349
YIQ	191.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

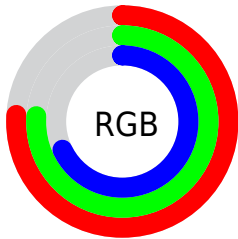
Format	Color
RYB	176, 195, 174
Decimal	12829102
CIELab	77.76, -2.60, 9.82
CIELCh	78, 10.157, 104.820
Yxy	52.7980, 0.3289, 0.3528
Android (android.graphics.Color)	4291019182 (0xFFC3C1AE)
YUV	191.4320, -8.5940, 3.1291
Hunter-Lab	72.6622, -6.2433, 11.9950

Details

The Yxy color $52.7980, 0.3289, 0.3528$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $44.0012, 0.2960, 0.3040$, and the grayscale version is $52.4153, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.1040, 0.3266, 0.3486$, and $25.8240, 0.3324, 0.3595$ is the 20% darker color. If you saturate the color by 10%, you get $51.2636, 0.3446, 0.3755$, and if you desaturate by 10%, it is $54.4581, 0.3139, 0.3307$.

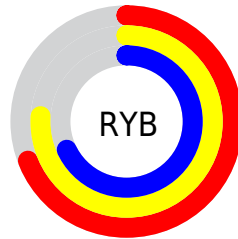
Distribution



Red (76%)

Green (76%)

Blue (68%)



Red (69%)

Yellow (76%)

Blue (68%)

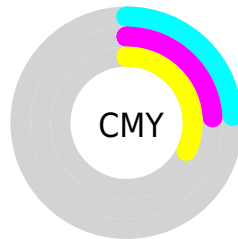


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7980, 0.3289, 0.3528 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 52.7980, 0.3289, 0.3528 by changing the saturation by 10% instead.

■ 52.7980, 0.3289,
0.3528

■ 52.7980, 0.3289,
0.3528

397.5096, 0.3210,
0.3411

■ 37.6415, 0.3308,
0.3557

■ 94.3071, 0.3261,
0.3486

■ 25.7046, 0.3332,
0.3593

121.4284, 0.3250,
0.3470

■ 16.6028, 0.3364,
0.3642

153.3069, 0.3241,
0.3456

■ 9.9517, 0.3407,
0.3708

190.3269, 0.3233,
0.3445

■ 5.3669, 0.3469,
0.3805

232.8728, 0.3226,
0.3435

■ 2.4641, 0.3565,
0.3959

281.3289, 0.3220,

■ 0.8586, 0.4047,

0.3426

0.4617

336.0798, 0.3215,
0.3418

0.0000, 0.0000,
0.0000

52.7980, 0.3289,
0.3528

52.7980, 0.3289,
0.3528

51.2636, 0.3446,
0.3755

54.4581, 0.3139,
0.3307

49.8433, 0.3607,
0.3983

56.2416, 0.2998,
0.3097

48.5342, 0.3766,
0.4204

58.1549, 0.2867,
0.2900

47.3308, 0.3918,
0.4408

60.2022, 0.2747,
0.2717

46.2270, 0.4056,
0.4586

61.2779, 0.2731,
0.2708

■ 45.2161, 0.4174,
0.4729

■ 62.1731, 0.2733,
0.2730

■ 44.2904, 0.4267,
0.4830

■ 63.0791, 0.2735,
0.2752

■ 43.4406, 0.4334,
0.4887

■ 63.9961, 0.2736,
0.2773

■ 42.7094, 0.4375,
0.4908

■ 64.9241, 0.2738,
0.2795

Harmonies

Analogous

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



52.7980, 0.3375, 0.3482



52.7980, 0.3289, 0.3528



52.7980, 0.3160, 0.3508

Triad

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



52.7980, 0.3289, 0.3528



52.7980, 0.2867, 0.3184



52.7980, 0.3227, 0.3160

Complementary

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



52.7980, 0.3289, 0.3528



44.0012, 0.2960, 0.3040

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.



52.7980, 0.3089, 0.3084



52.7980, 0.3289, 0.3528



52.7980, 0.2884, 0.3095

Square

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



52.7980, 0.3289, 0.3528



52.7980, 0.2918, 0.3306



52.7980, 0.2964, 0.3060



52.7980, 0.3340, 0.3269

Rectangle

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



52.7980, 0.3289, 0.3528



52.7980, 0.3069, 0.3459



52.7980, 0.2964, 0.3060



52.7980, 0.3182, 0.3130

Sweetspot

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



52.8003, 0.3289, 0.3528



96.8071, 0.3172, 0.3356



45.0131, 0.3299, 0.3264



21.1458, 0.3184, 0.3374



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.



52.8003, 0.3289, 0.3528



93.8453, 0.3326, 0.3582



52.6181, 0.3216, 0.3558



11.5861, 0.3267, 0.3496



27.8159, 0.4372, 0.4911



1.2512, 0.4327, 0.4946

Inverse Universe

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



44.0012, 0.2960, 0.3040



74.8902, 0.2920, 0.2980



44.2045, 0.3031, 0.3019



9.9015, 0.2983, 0.3075



2.9189, 0.1521, 0.0675



0.1804, 0.1589, 0.0920

Previews

White Background



This preview shows how the Yxy color 52.7980, 0.3289, 0.3528 looks on a white background.

Color Contrast Check

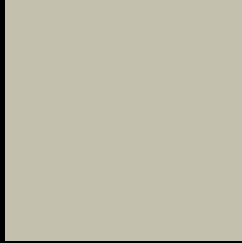
Large Text (above 18pt) WCAG AA × Fail

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 52.7980, 0.3289, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

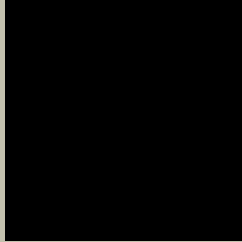
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

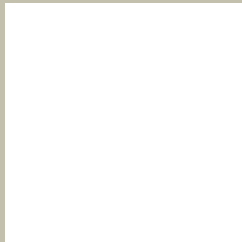
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7980, 0.3289, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 52.7980, 0.3289, 0.3528.



This preview shows how white text looks on a background with the Yxy color 52.7980, 0.3289, 0.3528.

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

52.7980, 0.3289, 0.3528

Protanopia

52.5581, 0.3342, 0.3513

Deuteranopia

52.5842, 0.3476, 0.3397



Tritanopia

52.8969, 0.3095, 0.3110

Trichromacy



Original Color

52.7980, 0.3289, 0.3528

Protanomaly

52.7222, 0.3323, 0.3527

Deuteranomaly

52.6169, 0.3409, 0.3448

Tritanomaly

52.6829, 0.3170, 0.3254

Monochromacy



Original Color

52.7980, 0.3289, 0.3528

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.4085, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7980, 0.3289, 0.3528 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, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 193, 174)  
}
```

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, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 193, 174) }
```

Border

The CSS property to change the border of an element to Yxy 52.7980, 0.3289, 0.3528 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, 193, 174) }
```

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

```
.border{ border-color:rgb(195, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 193,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7980, 0.3289, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 193, 174) }
```

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

```
.background{ background-color: rgb(195,  
193, 174) }
```

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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