

Converting Colors

$Yxy(52.7786, 0.3259, 0.3591)$

Have a look what the booklet for
Yxy(52.7786, 0.3259, 0.3591)
contains.

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Color

Yxy(52.7893, 0.3259, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	BDC3AB
RGB	189, 195, 171
RGB Percent	74%, 76%, 67%
CMY	0.2588, 0.2353, 0.3294
CMYK	0.03, 0.00, 0.12, 0.24
HSL	75°, 17%, 72%
HSV	75°, 12%, 76%
XYZ	47.8554, 52.7893, 46.1961
YIQ	190.4700, 4.1280, -8.7360

Conversions

Conversions Part 2

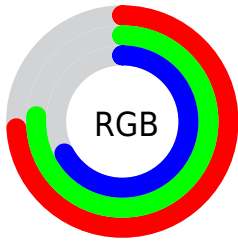
Format	Color
RYB	171, 195, 177
Decimal	12436395
CIELab	77.75, -6.32, 11.35
CIELCh	78, 12.998, 119.117
Yxy	52.7893, 0.3259, 0.3595
Android (android.graphics.Color)	4290626475 (0xFFBDC3AB)
YUV	190.4700, -9.5987, -1.2892
Hunter-Lab	72.6562, -9.5784, 13.1617

Details

The Yxy color $52.7893, 0.3259, 0.3595$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.4125, 0.2985, 0.2976$, and the grayscale version is $51.8351, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.5243, 0.3236, 0.3549$, and $25.6159, 0.3296, 0.3669$ is the 20% darker color. If you saturate the color by 10%, you get $51.4907, 0.3367, 0.3857$, and if you desaturate by 10%, it is $54.2231, 0.3152, 0.3345$.

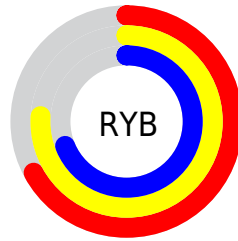
Distribution



Red (74%)

Green (76%)

Blue (67%)



Red (67%)

Yellow (76%)

Blue (69%)

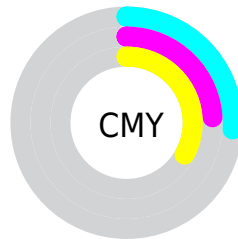


Cyan (3%)

Magenta (0%)

Yellow (12%)

Black (24%)



Cyan (26%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7893, 0.3259, 0.3595 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 52.7893, 0.3259, 0.3595 by changing the saturation by 10% instead.


 52.7893, 0.3259,
0.3595

 52.7893, 0.3259,
0.3595

397.4762, 0.3195,
0.3444

 37.6346, 0.3274,
0.3632


 94.2943, 0.3236,
0.3540

 25.6992, 0.3293,
0.3680


121.4133, 0.3228,
0.3520

 16.5988, 0.3318,
0.3743


153.2892, 0.3220,
0.3502

 9.9488, 0.3351,
0.3831

190.3065, 0.3214,
0.3487

 5.3650, 0.3397,
0.3960

232.8494, 0.3209,
0.3474

 2.4630, 0.3467,
0.4167

281.3024, 0.3204,

 0.8580, 0.3984,

0.3463

0.5170

336.0499, 0.3199,
0.3453

0.0000, 0.0000,
0.0000

52.7893, 0.3259,
0.3595

52.7893, 0.3259,
0.3595

51.4907, 0.3367,
0.3857

54.2231, 0.3152,
0.3345

50.3153, 0.3471,
0.4125

55.7898, 0.3047,
0.3112

49.2601, 0.3568,
0.4392

57.4962, 0.2948,
0.2896

48.3194, 0.3652,
0.4647

59.3465, 0.2854,
0.2699

47.4867, 0.3719,
0.4879

60.4441, 0.2850,
0.2647

■ 46.7551, 0.3762,
0.5077

■ 61.1833, 0.2885,
0.2653

■ 46.1166, 0.3781,
0.5232

■ 61.9446, 0.2920,
0.2659

■ 45.5614, 0.3775,
0.5340

■ 62.7279, 0.2955,
0.2666

■ 45.1773, 0.3757,
0.5399

■ 63.5336, 0.2990,
0.2672

Harmonies

Analogous

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



52.7893, 0.3401, 0.3573



52.7893, 0.3259, 0.3595



52.7893, 0.3084, 0.3529

Triad

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



52.7893, 0.3259, 0.3595



52.7893, 0.2796, 0.3092



52.7893, 0.3331, 0.3187

Complementary

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



52.7893, 0.3259, 0.3595



42.4125, 0.2985, 0.2976

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.



52.7893, 0.3163, 0.3067



52.7893, 0.3259, 0.3595



52.7893, 0.2857, 0.3010

Square

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



52.7893, 0.3259, 0.3595



52.7893, 0.2820, 0.3232



52.7893, 0.2990, 0.3002



52.7893, 0.3444, 0.3335

Rectangle

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



52.7893, 0.3259, 0.3595



52.7893, 0.2973, 0.3444



52.7893, 0.2990, 0.3002



52.7893, 0.3278, 0.3142

Sweetspot

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



52.7916, 0.3259, 0.3595



96.6474, 0.3170, 0.3388



45.8299, 0.3338, 0.3362



21.1206, 0.3178, 0.3407



0.0000, 0.0000, 0.0000



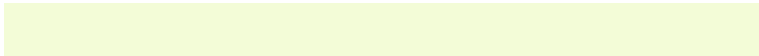
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7916, 0.3259, 0.3595



93.8454, 0.3291, 0.3671



51.3649, 0.3164, 0.3604



11.6279, 0.3227, 0.3520



29.4042, 0.3763, 0.5394



1.3013, 0.3864, 0.5314

Inverse Universe

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



42.4125, 0.2985, 0.2976



71.2960, 0.2947, 0.2895



43.8350, 0.3085, 0.2985



9.8666, 0.3021, 0.3055



3.0128, 0.1653, 0.0684



0.1640, 0.1895, 0.0818

Previews

White Background



This preview shows how the Yxy color 52.7893, 0.3259, 0.3595 looks on a white background.

Color Contrast Check

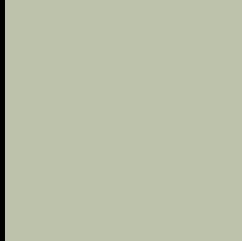
Large Text (above 18pt) WCAG AA × Fail

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 52.7893, 0.3259, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

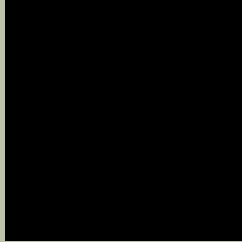
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

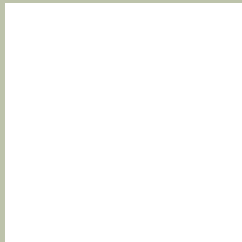
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7893, 0.3259, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 52.7893, 0.3259, 0.3595.



This preview shows how white text looks on a background with the Yxy color 52.7893, 0.3259, 0.3595.

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

52.7893, 0.3259, 0.3595

Protanopia

52.5437, 0.3382, 0.3563

Deuteranopia

52.6205, 0.3510, 0.3433



Tritanopia

52.7040, 0.3047, 0.3108

Trichromacy



Original Color

52.7893, 0.3259, 0.3595

Protanomaly

52.4719, 0.3338, 0.3565

Deuteranomaly

52.6391, 0.3414, 0.3498

Tritanomaly

52.7560, 0.3120, 0.3278

Monochromacy



Original Color

52.7893, 0.3259, 0.3595

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.0653, 0.3179, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7893, 0.3259, 0.3595 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(189, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 195, 171)  
}
```

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(189, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 195, 171) }
```

Border

The CSS property to change the border of an element to Yxy 52.7893, 0.3259, 0.3595 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(189, 195, 171) }
```

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

```
.border{ border-color:rgb(189, 195, 171) }
```

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

Here you see how a box with a 4 pixel rgb(189, 195, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 195, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 195, 171);  
box-shadow:4px 4px 4px 4px rgb(189, 195,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7893, 0.3259, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 195, 171) }
```

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

```
.background{ background-color: rgb(189,  
195, 171) }
```

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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