

Converting Colors

Yxy(52.7838, 0.3141, 0.3339)

Have a look what the booklet for
Yxy(52.7838, 0.3141, 0.3339)
contains.

Yxy(52.8904, 0.3141, 0.3340)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8904, 0.3141, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	BFC1BD
RGB	191, 193, 189
RGB Percent	75%, 76%, 74%
CMY	0.2510, 0.2431, 0.2589
CMYK	0.01, 0.00, 0.02, 0.24
HSL	90°, 3%, 75%
HSV	90°, 2%, 76%
XYZ	49.7391, 52.8904, 55.7249
YIQ	191.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

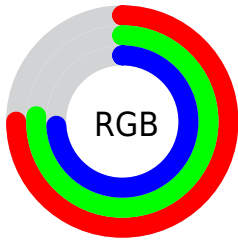
Format	Color
RYB	189, 193, 191
Decimal	12566973
CIELab	77.81, -1.43, 1.76
CIELCh	78, 2.271, 129.038
Yxy	52.8904, 0.3141, 0.3340
Android (android.graphics.Color)	4290757053 (0xFFBFC1BD)
YUV	191.9460, -1.4524, -0.8296
Hunter-Lab	72.7258, -5.1891, 5.4781

Details

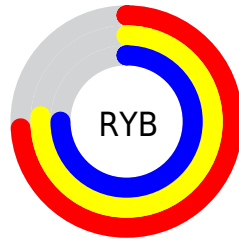
The Yxy color **52.8904, 0.3141, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3180, 0.3113, 0.3240**, and the grayscale version is **52.6882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1181, 0.3138, 0.3329**, and **25.9370, 0.3146, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **50.8977, 0.3208, 0.3594**, and if you desaturate by 10%, it is **55.0818, 0.3075, 0.3109**.

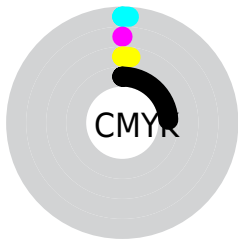
Distribution



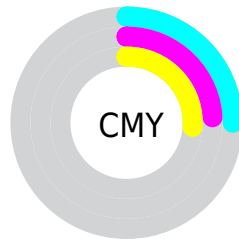
- Red (75%)
- Green (76%)
- Blue (74%)



- Red (74%)
- Yellow (76%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8904, 0.3141, 0.3340 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 52.8904, 0.3141, 0.3340 by changing the saturation by 10% instead.

■ 52.8904, 0.3141,
0.3340

■ 52.8904, 0.3141,
0.3340

■ 397.8645, 0.3134,
0.3316

■ 37.7153, 0.3143,
0.3346

■ 94.4431, 0.3139,
0.3331

■ 25.7618, 0.3145,
0.3354

■ 121.5894, 0.3138,
0.3328

■ 16.6455, 0.3147,
0.3364

■ 153.4950, 0.3137,
0.3325

■ 9.9821, 0.3151,
0.3377

■ 190.5441, 0.3136,
0.3323

■ 5.3871, 0.3156,
0.3397

■ 233.1212, 0.3136,
0.3321

■ 2.4761, 0.3165,
0.3430

■ 281.6107, 0.3135,

■ 0.8646, 0.3186,

0.3319

0.3501

336.3970, 0.3135,
0.3317

0.0000, 0.0000,
0.0000

52.8904, 0.3141,
0.3340

52.8904, 0.3141,
0.3340

50.8977, 0.3208,
0.3594

55.0818, 0.3075,
0.3109

49.0910, 0.3273,
0.3867

57.4709, 0.3011,
0.2900

47.4663, 0.3334,
0.4156

60.0653, 0.2951,
0.2712

46.0168, 0.3387,
0.4454

62.1280, 0.2967,
0.2647

44.7355, 0.3428,
0.4749

63.7682, 0.3038,
0.2661

■ 43.6146, 0.3453,
0.5028

■ 65.4983, 0.3110,
0.2674

■ 42.6455, 0.3458,
0.5276

■ 66.6231, 0.3156,
0.2683

■ 41.8187, 0.3441,
0.5479

■ 41.1232, 0.3403,
0.5627

Harmonies

Analogous

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



52.8904, 0.3168, 0.3342



52.8904, 0.3141, 0.3340



52.8904, 0.3110, 0.3324

Triad

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



52.8904, 0.3141, 0.3340



52.8904, 0.3070, 0.3250



52.8904, 0.3171, 0.3281

Complementary

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



52.8904, 0.3141, 0.3340



51.3180, 0.3113, 0.3240

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.



52.8904, 0.3144, 0.3256



52.8904, 0.3141, 0.3340



52.8904, 0.3086, 0.3239

Square

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



52.8904, 0.3141, 0.3340



52.8904, 0.3070, 0.3272



52.8904, 0.3113, 0.3241



52.8904, 0.3185, 0.3308

Rectangle

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



52.8904, 0.3141, 0.3340



52.8904, 0.3092, 0.3308



52.8904, 0.3113, 0.3241



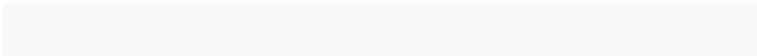
52.8904, 0.3163, 0.3272

Sweetspot

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



52.8927, 0.3141, 0.3340



95.1245, 0.3134, 0.3314



52.2731, 0.3159, 0.3315



20.4115, 0.3134, 0.3313



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



52.8927, 0.3141, 0.3340



94.7422, 0.3141, 0.3339



52.6344, 0.3125, 0.3340



11.8394, 0.3140, 0.3335



27.0826, 0.3372, 0.5704



1.2112, 0.3545, 0.5567

Inverse Universe

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



51.3180, 0.3113, 0.3240



91.9891, 0.3113, 0.3241



51.5799, 0.3129, 0.3240



11.5219, 0.3115, 0.3245



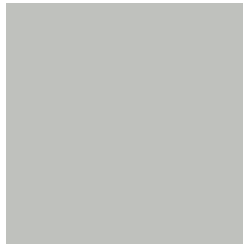
4.2852, 0.2035, 0.0895



0.2261, 0.2282, 0.1031

Previews

White Background



This preview shows how the Yxy color 52.8904, 0.3141, 0.3340 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 52.8904, 0.3141, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

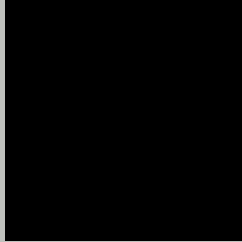
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

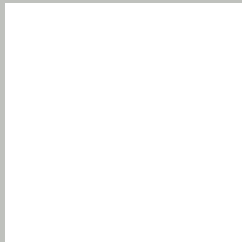
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8904, 0.3141, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 52.8904, 0.3141, 0.3340.



This preview shows how white text looks on a background with the Yxy color 52.8904, 0.3141, 0.3340.

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

52.8904, 0.3141, 0.3340

Protanopia

52.7628, 0.3199, 0.3327

Deuteranopia

52.6844, 0.3307, 0.3243



Tritanopia

52.7525, 0.3040, 0.3096

Trichromacy



Original Color

52.8904, 0.3141, 0.3340

Protanomaly

52.9322, 0.3182, 0.3340

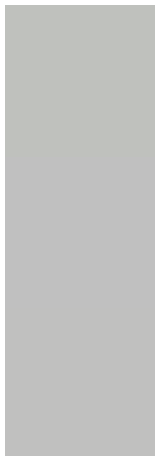
Deuteranomaly

52.9503, 0.3244, 0.3278

Tritanomaly

52.7692, 0.3076, 0.3180

Monochromacy



Original Color

52.8904, 0.3141, 0.3340

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.6673, 0.3135, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8904, 0.3141, 0.3340 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(191, 193, 189)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 189)  
}
```

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(191, 193, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.8904, 0.3141, 0.3340 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(191, 193, 189) }
```

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

```
.border{ border-color:rgb(191, 193, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 189);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8904, 0.3141, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 189) }
```

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

```
.background{ background-color: rgb(191,  
193, 189) }
```

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