

Converting Colors

Yxy(52.6676, 0.3165, 0.3340)

Have a look what the booklet for
Yxy(52.6676, 0.3165, 0.3340)
contains.

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Color

Yxy(52.6676, 0.3165, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	C1C0BC
RGB	193, 192, 188
RGB Percent	76%, 75%, 74%
CMY	0.2434, 0.2470, 0.2627
CMYK	0.00, 0.00, 0.03, 0.24
HSL	49°, 4%, 75%
HSV	49°, 3%, 76%
XYZ	49.9081, 52.6676, 55.1118
YIQ	191.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

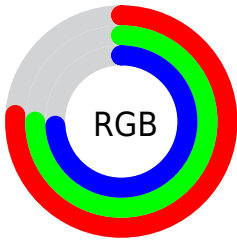
Format	Color
RYB	189, 193, 188
Decimal	12697788
CIELab	77.68, -0.41, 2.13
CIELCh	78, 2.164, 100.818
Yxy	52.6676, 0.3165, 0.3340
Android (android.graphics.Color)	4290887868 (0xFFC1C0BC)
YUV	191.8430, -1.8946, 1.0147
Hunter-Lab	72.5724, -4.2473, 5.7757

Details

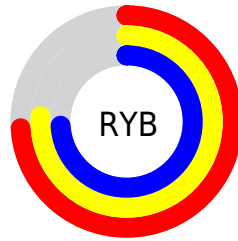
The Yxy color **52.6676, 0.3165, 0.3340** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9006, 0.3089, 0.3239**, and the grayscale version is **52.6232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8062, 0.3157, 0.3329**, and **25.7900, 0.3179, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **50.3322, 0.3320, 0.3541**, and if you desaturate by 10%, it is **55.1574, 0.3022, 0.3149**.

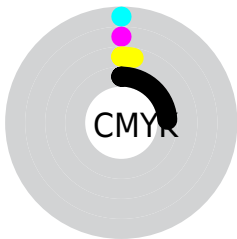
Distribution



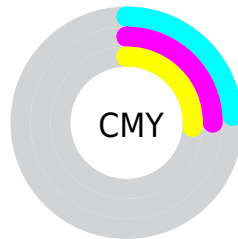
- Red (76%)
- Green (75%)
- Blue (74%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6676, 0.3165, 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 52.6676, 0.3165, 0.3340 by changing the saturation by 10% instead.

■ 52.6676, 0.3165,
0.3340

■ 52.6676, 0.3165,
0.3340

■ 397.0085, 0.3147,
0.3316

■ 37.5375, 0.3170,
0.3346

■ 94.1151, 0.3158,
0.3331

■ 25.6239, 0.3175,
0.3354

■ 121.2012, 0.3156,
0.3328

■ 16.5425, 0.3183,
0.3364

■ 153.0415, 0.3154,
0.3325

■ 9.9088, 0.3193,
0.3377

■ 190.0203, 0.3152,
0.3323

■ 5.3386, 0.3208,
0.3397

■ 232.5220, 0.3150,
0.3321

■ 2.4472, 0.3232,
0.3429

■ 280.9310, 0.3149,

■ 0.8500, 0.3291,

0.3319

0.3505

335.6317, 0.3148,
0.3317

0.0000, 0.0000,
0.0000

52.6676, 0.3165,
0.3340

52.6676, 0.3165,
0.3340

50.3322, 0.3320,
0.3541

55.1574, 0.3022,
0.3149

48.1396, 0.3484,
0.3748

57.7993, 0.2891,
0.2970

46.0874, 0.3656,
0.3956

60.5996, 0.2772,
0.2804

44.1701, 0.3830,
0.4158

62.8893, 0.2721,
0.2752

42.3820, 0.4001,
0.4344

64.6454, 0.2725,
0.2793

■ 40.7170, 0.4162,
0.4505

■ 66.4413, 0.2728,
0.2834

■ 39.1679, 0.4305,
0.4631

■ 68.2775, 0.2732,
0.2874

■ 37.7270, 0.4424,
0.4714

■ 70.1540, 0.2735,
0.2915

■ 36.3846, 0.4514,
0.4751

■ 72.0713, 0.2739,
0.2955

Harmonies

Analogous

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



52.6676, 0.3181, 0.3329



52.6676, 0.3165, 0.3340



52.6676, 0.3139, 0.3337

Triad

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



52.6676, 0.3165, 0.3340



52.6676, 0.3072, 0.3272



52.6676, 0.3145, 0.3259

Complementary

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



52.6676, 0.3165, 0.3340



50.9006, 0.3089, 0.3239

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.



52.6676, 0.3116, 0.3244



52.6676, 0.3165, 0.3340



52.6676, 0.3074, 0.3251

Square

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



52.6676, 0.3165, 0.3340



52.6676, 0.3085, 0.3297



52.6676, 0.3090, 0.3241



52.6676, 0.3170, 0.3283

Rectangle

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



52.6676, 0.3165, 0.3340



52.6676, 0.3119, 0.3328



52.6676, 0.3090, 0.3241



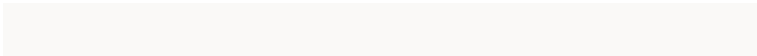
52.6676, 0.3135, 0.3253

Sweetspot

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



52.6699, 0.3165, 0.3340



95.0658, 0.3142, 0.3310



50.9702, 0.3160, 0.3278



20.3996, 0.3141, 0.3309



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.



52.6699, 0.3165, 0.3340



94.1848, 0.3172, 0.3350



52.8820, 0.3152, 0.3352



11.7248, 0.3183, 0.3363



23.6942, 0.4561, 0.4760



1.1083, 0.4465, 0.4837

Inverse Universe

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



50.9006, 0.3089, 0.3239



90.4258, 0.3082, 0.3230



50.6950, 0.3102, 0.3228



11.1500, 0.3071, 0.3216



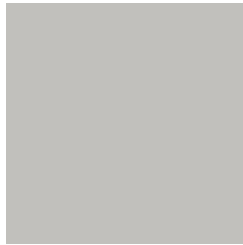
3.4866, 0.1552, 0.0788



0.2448, 0.1662, 0.1184

Previews

White Background



This preview shows how the Yxy color 52.6676, 0.3165, 0.3340 looks on a white background.

Color Contrast Check

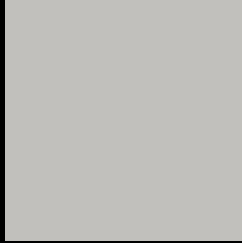
Large Text (above 18pt) WCAG AA × Fail

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 52.6676, 0.3165, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

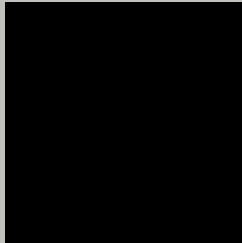
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

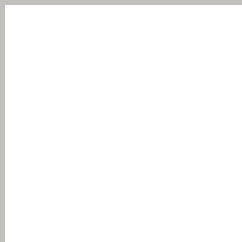
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6676, 0.3165, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 52.6676, 0.3165, 0.3340.



This preview shows how white text looks on a background with the Yxy color 52.6676, 0.3165, 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

52.6676, 0.3165, 0.3340

Protanopia

52.5852, 0.3199, 0.3340

Deuteranopia

52.6408, 0.3315, 0.3255



Tritanopia

52.7886, 0.3063, 0.3120

Trichromacy



Original Color

52.6676, 0.3165, 0.3340

Protanomaly

52.4516, 0.3190, 0.3340

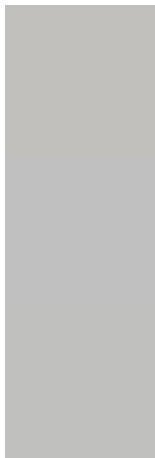
Deuteranomaly

52.4779, 0.3253, 0.3278

Tritanomaly

52.8082, 0.3099, 0.3204

Monochromacy



Original Color

52.6676, 0.3165, 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 52.6676, 0.3165, 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(193, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 188)  
}
```

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(193, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.6676, 0.3165, 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(193, 192, 188) }
```

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

```
.border{ border-color:rgb(193, 192, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6676, 0.3165, 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(193, 192, 188) }
```

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

```
.background{ background-color: rgb(193,  
192, 188) }
```

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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