

Converting Colors

$Yxy(53.4745, 0.3075, 0.3328)$

Have a look what the booklet for
Yxy(53.4745, 0.3075, 0.3328)
contains.

Yxy(53.2751, 0.3078, 0.3327)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.2751, 0.3078, 0.3327)

Conversions

Conversions Part 1

Format	Color
Hex	BAC3C0
RGB	186, 195, 192
RGB Percent	73%, 76%, 75%
CMY	0.2704, 0.2353, 0.2470
CMYK	0.05, 0.00, 0.02, 0.24
HSL	160°, 7%, 75%
HSV	160°, 5%, 76%
XYZ	49.2879, 53.2751, 57.5666
YIQ	191.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

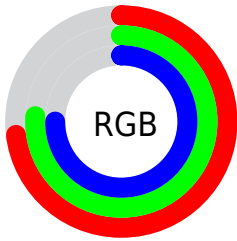
Format	Color
RYB	186, 191, 195
Decimal	12239808
CIELab	78.04, -3.63, 0.41
CIELCh	78, 3.654, 173.528
Yxy	53.2751, 0.3078, 0.3327
Android (android.graphics.Color)	4290429888 (0xFFBAC3C0)
YUV	191.9670, 0.0163, -5.2331
Hunter-Lab	72.9898, -7.1963, 4.3312

Details

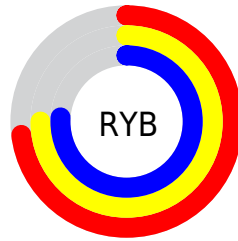
The Yxy color **53.2751, 0.3078, 0.3327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4098, 0.3179, 0.3253**, and the grayscale version is **52.6989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2754, 0.3088, 0.3329**, and **25.9004, 0.3062, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **50.7183, 0.2973, 0.3414**, and if you desaturate by 10%, it is **56.1823, 0.3186, 0.3249**.

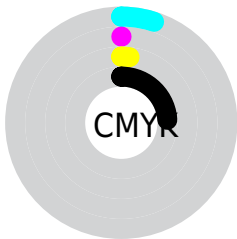
Distribution



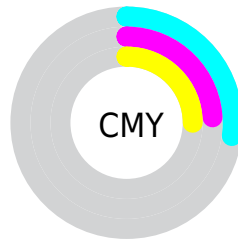
- Red (73%)
- Green (76%)
- Blue (75%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2751, 0.3078, 0.3327 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 53.2751, 0.3078, 0.3327 by changing the saturation by 10% instead.

■ 53.2751, 0.3078,
0.3327

■ 53.2751, 0.3078,
0.3327

399.3397, 0.3102,
0.3309

■ 38.0224, 0.3072,
0.3331

■ 95.0091, 0.3087,
0.3321

■ 26.0001, 0.3065,
0.3337

122.2591, 0.3090,
0.3318

■ 16.8237, 0.3055,
0.3344

154.2771, 0.3093,
0.3316

■ 10.1089, 0.3041,
0.3354

191.4474, 0.3095,
0.3314

■ 5.4712, 0.3022,
0.3369

234.1544, 0.3097,
0.3313

■ 2.5263, 0.2991,
0.3392

282.7825, 0.3099,

■ 0.8898, 0.2927,

0.3311

0.3440

337.7162, 0.3101,
0.3310

0.0000, 0.0000,
0.0000

53.2751, 0.3078,
0.3327

53.2751, 0.3078,
0.3327

50.7183, 0.2973,
0.3414

56.1823, 0.3186,
0.3249

48.4916, 0.2874,
0.3510

59.4460, 0.3294,
0.3179

46.5827, 0.2782,
0.3614

63.0805, 0.3401,
0.3117

44.9761, 0.2701,
0.3727

65.3431, 0.3434,
0.3057

43.6548, 0.2634,
0.3845

65.6882, 0.3383,
0.2993

■ 42.6004, 0.2584,
0.3969

■ 66.0467, 0.3333,
0.2929

■ 41.7918, 0.2553,
0.4096

■ 66.4186, 0.3284,
0.2867

■ 41.2049, 0.2542,
0.4223

■ 66.8042, 0.3236,
0.2806

■ 40.8106, 0.2550,
0.4349

■ 67.2036, 0.3189,
0.2746

Harmonies

Analogous

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



53.2751, 0.3125, 0.3361



53.2751, 0.3078, 0.3327



53.2751, 0.3044, 0.3283

Triad

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



53.2751, 0.3078, 0.3327



53.2751, 0.3081, 0.3207



53.2751, 0.3223, 0.3337

Complementary

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



53.2751, 0.3078, 0.3327



50.4098, 0.3179, 0.3253

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.



53.2751, 0.3211, 0.3296



53.2751, 0.3078, 0.3327



53.2751, 0.3129, 0.3221

Square

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



53.2751, 0.3078, 0.3327



53.2751, 0.3046, 0.3214



53.2751, 0.3176, 0.3254



53.2751, 0.3209, 0.3366

Rectangle

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



53.2751, 0.3078, 0.3327



53.2751, 0.3033, 0.3255



53.2751, 0.3176, 0.3254



53.2751, 0.3222, 0.3324

Sweetspot

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



53.2774, 0.3078, 0.3327



97.2178, 0.3116, 0.3298



53.3953, 0.3146, 0.3402



21.2953, 0.3117, 0.3298



0.0000, 0.0000, 0.0000



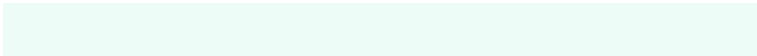
21.4041, 0.3127, 0.3290

Same Dimension

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



53.2774, 0.3078, 0.3327



94.7022, 0.3062, 0.3340



52.7451, 0.3057, 0.3271



11.5303, 0.3057, 0.3343



26.4367, 0.2555, 0.4399



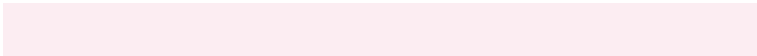
1.1546, 0.2478, 0.4121

Inverse Universe

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



50.4098, 0.3179, 0.3253



87.9541, 0.3197, 0.3241



50.9143, 0.3201, 0.3309



10.6471, 0.3203, 0.3237



7.8005, 0.5620, 0.2870



0.3500, 0.4982, 0.2518

Previews

White Background



This preview shows how the Yxy color 53.2751, 0.3078, 0.3327 looks on a white background.

Color Contrast Check

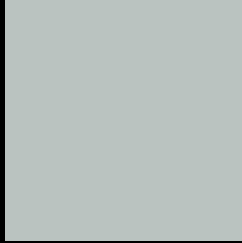
Large Text (above 18pt) WCAG AA × Fail

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 53.2751, 0.3078, 0.3327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

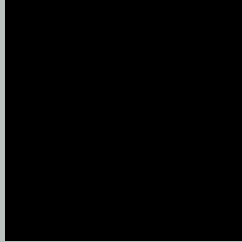
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

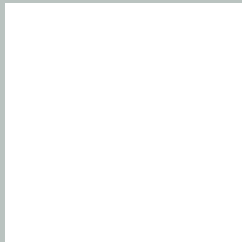
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2751, 0.3078, 0.3327

Background



This preview shows how black text looks on a background with the Yxy color 53.2751, 0.3078, 0.3327.



This preview shows how white text looks on a background with the Yxy color 53.2751, 0.3078, 0.3327.

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

53.2751, 0.3078, 0.3327

Protanopia

53.2873, 0.3183, 0.3315

Deuteranopia

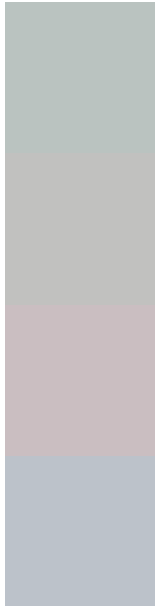
53.2846, 0.3273, 0.3208



Tritanopia

53.5128, 0.2986, 0.3107

Trichromacy



Original Color

53.2751, 0.3078, 0.3327

Protanomaly

53.2390, 0.3142, 0.3315

Deuteranomaly

53.2337, 0.3203, 0.3254

Tritanomaly

53.5392, 0.3021, 0.3191

Monochromacy



Original Color

53.2751, 0.3078, 0.3327

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8928, 0.3111, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2751, 0.3078, 0.3327 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(186, 195, 192)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 192)  
}
```

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(186, 195, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.2751, 0.3078, 0.3327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

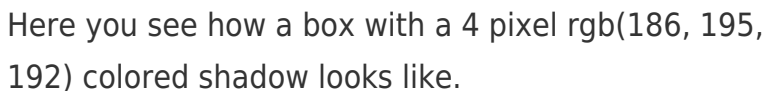
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 195, 192) }
```

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

```
.border{ border-color:rgb(186, 195, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 195, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 195, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 195, 192); box-shadow:4px 4px 4px 4px rgb(186, 195, 192) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2751, 0.3078, 0.3327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 192) }
```

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

```
.background{ background-color: rgb(186,  
195, 192) }
```

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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