

Converting Colors

Yxy(53.1052, 0.3167, 0.3317)

Have a look what the booklet for
Yxy(53.1052, 0.3167, 0.3317)
contains.

Yxy(53.0191, 0.3167, 0.3315)	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(53.0191, 0.3167, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	C3C0BE
RGB	195, 192, 190
RGB Percent	76%, 75%, 75%
CMY	0.2352, 0.2471, 0.2550
CMYK	0.00, 0.02, 0.03, 0.24
HSL	24°, 4%, 75%
HSV	24°, 3%, 76%
XYZ	50.6520, 53.0191, 56.2658
YIQ	192.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

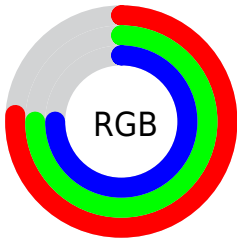
Format	Color
RYB	195, 193, 190
Decimal	12828862
CIELab	77.89, 0.69, 1.38
CIElCh	78, 1.543, 63.353
Yxy	53.0191, 0.3167, 0.3315
Android (android.graphics.Color)	4291018942 (0xFFC3C0BE)
YUV	192.6690, -1.3158, 2.0443
Hunter-Lab	72.8142, -3.2542, 5.1547

Details

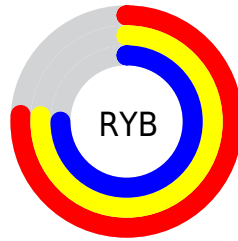
The Yxy color **53.0191, 0.3167, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0266, 0.3088, 0.3265**, and the grayscale version is **53.1331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4841, 0.3165, 0.3309**, and **25.9341, 0.3169, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **47.2942, 0.3337, 0.3416**, and if you desaturate by 10%, it is **59.2704, 0.3021, 0.3221**.

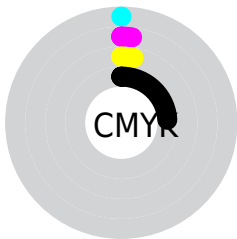
Distribution



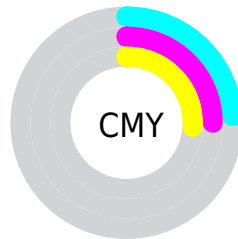
- Red (76%)
- Green (75%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0191, 0.3167, 0.3315 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 53.0191, 0.3167, 0.3315 by changing the saturation by 10% instead.


 53.0191, 0.3167,
0.3315

 53.0191, 0.3167,
0.3315


398.3584, 0.3148,
0.3303

 37.8180, 0.3172,
0.3318


 94.6325, 0.3160,
0.3311

 25.8415, 0.3178,
0.3322


121.8136, 0.3157,
0.3309

 16.7051, 0.3186,
0.3327


153.7568, 0.3155,
0.3308

 10.0244, 0.3197,
0.3333

190.8465, 0.3153,
0.3306

 5.4152, 0.3212,
0.3343

233.4671, 0.3151,
0.3305

 2.4929, 0.3238,
0.3358

282.0030, 0.3150,

 0.8731, 0.3290,

0.3304

336.8387, 0.3149,
0.3304

0.3392

0.0000, 0.0000,
0.0000

53.0191, 0.3167,
0.3315

53.0191, 0.3167,
0.3315

47.2942, 0.3337,
0.3416

59.2704, 0.3021,
0.3221

42.0748, 0.3534,
0.3522

66.0546, 0.2897,
0.3134

37.3487, 0.3762,
0.3632

73.3867, 0.2790,
0.3055

33.1007, 0.4021,
0.3739

80.4142, 0.2764,
0.3115

29.3145, 0.4310,
0.3837

87.4716, 0.2775,
0.3241

■ 25.9730, 0.4622,
0.3916

■ 90.3454, 0.2778,
0.3289

■ 23.0577, 0.4944,
0.3963

■ 20.5485, 0.5253,
0.3967

■ 18.4231, 0.5526,
0.3917

Harmonies

Analogous

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



53.0191, 0.3165, 0.3299



53.0191, 0.3167, 0.3315



53.0191, 0.3158, 0.3325

Triad

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



53.0191, 0.3167, 0.3315



53.0191, 0.3101, 0.3300



53.0191, 0.3114, 0.3256

Complementary

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



53.0191, 0.3167, 0.3315



53.0266, 0.3088, 0.3265

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.



53.0191, 0.3097, 0.3256



53.0191, 0.3167, 0.3315



53.0191, 0.3089, 0.3281

Square

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



53.0191, 0.3167, 0.3315



53.0191, 0.3120, 0.3316



53.0191, 0.3088, 0.3265



53.0191, 0.3135, 0.3265

Rectangle

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



53.0191, 0.3167, 0.3315



53.0191, 0.3147, 0.3326



53.0191, 0.3088, 0.3265



53.0191, 0.3108, 0.3255

Sweetspot

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



53.0214, 0.3167, 0.3315



96.6320, 0.3143, 0.3300



52.2733, 0.3145, 0.3253



21.1733, 0.3142, 0.3299



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.



53.0214, 0.3167, 0.3315



94.4447, 0.3174, 0.3320



54.1376, 0.3165, 0.3346



11.4350, 0.3185, 0.3326



11.2492, 0.5677, 0.3875



0.6209, 0.5270, 0.4198

Inverse Universe

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



53.0266, 0.3088, 0.3265



94.4556, 0.3081, 0.3260



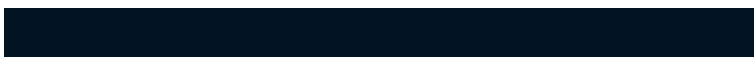
51.9219, 0.3089, 0.3233



11.4367, 0.3070, 0.3253



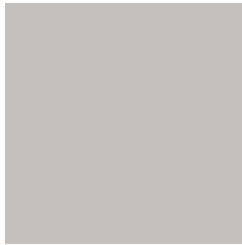
10.9782, 0.1871, 0.1936



0.6063, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 53.0191, 0.3167, 0.3315 looks on a white background.

Color Contrast Check

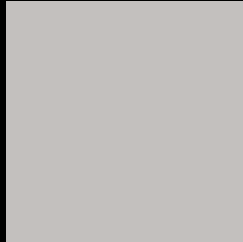
Large Text (above 18pt) WCAG AA × Fail

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 53.0191, 0.3167, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

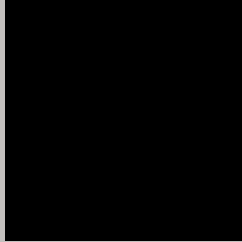
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

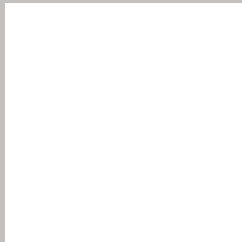
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0191, 0.3167, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 53.0191, 0.3167, 0.3315.

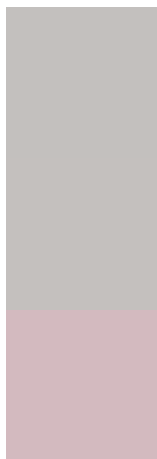


This preview shows how white text looks on a background with the Yxy color 53.0191, 0.3167, 0.3315.

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

53.0191, 0.3167, 0.3315

Protanopia

53.1527, 0.3175, 0.3315

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

53.1050, 0.3071, 0.3109

Trichromacy



Original Color

53.0191, 0.3167, 0.3315

Protanomaly

53.1527, 0.3175, 0.3315

Deuteranomaly

52.7072, 0.3245, 0.3254

Tritanomaly

53.1675, 0.3100, 0.3181

Monochromacy



Original Color

53.0191, 0.3167, 0.3315

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4150, 0.3143, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0191, 0.3167, 0.3315 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, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(195, 192, 190)  
}
```

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, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 192, 190) }
```

Border

The CSS property to change the border of an element to Yxy 53.0191, 0.3167, 0.3315 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, 192, 190) }
```

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

```
.border{ border-color:rgb(195, 192, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 192, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(195, 192,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0191, 0.3167, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 192, 190) }
```

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

```
.background{ background-color: rgb(195,  
192, 190) }
```

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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