

Converting Colors

Yxy(53.1445, 0.3094, 0.3133)

Have a look what the booklet for
Yxy(53.1445, 0.3094, 0.3133)
contains.

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Color

Yxy(53.1445, 0.3094, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	C6BECB
RGB	198, 190, 203
RGB Percent	78%, 75%, 80%
CMY	0.2235, 0.2549, 0.2039
CMYK	0.02, 0.06, 0.00, 0.20
HSL	277°, 11%, 77%
HSV	277°, 6%, 80%
XYZ	52.4830, 53.1445, 64.0007
YIQ	193.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

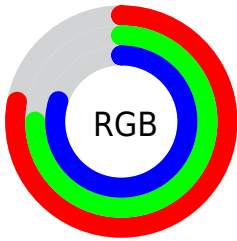
Format	Color
R_{YB}	198, 190, 203
Decimal	13024971
CIE _{Lab}	77.96, 5.20, -5.53
CIE _{LCh}	78, 7.594, 313.215
Yxy	53.1445, 0.3094, 0.3133
Android (android.graphics.Color)	4291215051 (0xFFC6BECB)
YUV	193.8740, 4.4991, 3.6185
Hunter-Lab	72.9003, 0.9317, -1.0218

Details

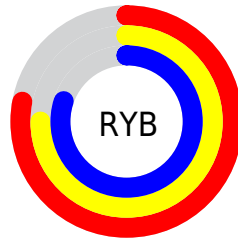
The Yxy color $53.1445, 0.3094, 0.3133$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.0417, 0.3158, 0.3448$, and the grayscale version is $53.8447, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $25.9905, 0.3082, 0.3096$ is the 20% darker color. If you saturate the color by 10%, you get $43.9203, 0.3034, 0.2874$, and if you desaturate by 10%, it is $63.6532, 0.3144, 0.3374$.

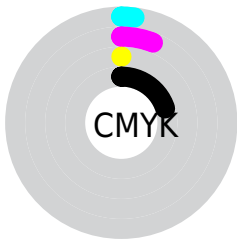
Distribution



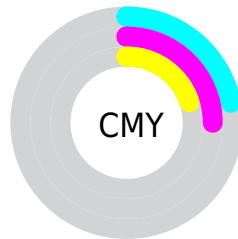
- Red (78%)
- Green (75%)
- Blue (80%)



- Red (78%)
- Yellow (75%)
- Blue (80%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1445, 0.3094, 0.3133 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 53.1445, 0.3094, 0.3133 by changing the saturation by 10% instead.

■ 53.1445, 0.3094,
0.3133

■ 53.1445, 0.3094,
0.3133

398.8393, 0.3111,
0.3209

■ 37.9181, 0.3090,
0.3115

■ 94.8170, 0.3100,
0.3160

■ 25.9192, 0.3085,
0.3092

122.0319, 0.3102,
0.3170

■ 16.7632, 0.3078,
0.3061

154.0117, 0.3104,
0.3179

■ 10.0658, 0.3068,
0.3021

191.1409, 0.3106,
0.3187

■ 5.4426, 0.3054,
0.2962

233.8039, 0.3107,
0.3194

■ 2.5092, 0.3030,
0.2871

282.3850, 0.3108,

■ 0.8812, 0.2986,

0.3199

0.2711

337.2687, 0.3110,
0.3205

■ 0.0000, 0.0000,
0.0000

■ 53.1445, 0.3094,
0.3133

■ 53.1445, 0.3094,
0.3133

■ 43.9203, 0.3034,
0.2874

■ 63.6532, 0.3144,
0.3374

■ 35.9224, 0.2965,
0.2600

■ 75.4876, 0.3186,
0.3596

■ 29.0986, 0.2885,
0.2318

■ 88.6959, 0.3220,
0.3797

■ 23.3900, 0.2796,
0.2037

■ 92.5394, 0.3266,
0.3829

■ 18.7325, 0.2698,
0.1768

■ 93.8578, 0.3317,
0.3820

■ 15.0551, 0.2596,
0.1525

■ 95.2350, 0.3369,
0.3811

■ 12.2782, 0.2491,
0.1318

■ 96.6716, 0.3421,
0.3803

■ 10.3088, 0.2389,
0.1159

■ 97.0925, 0.3436,
0.3800

■ 9.0280, 0.2292,
0.1050

Harmonies

Analogous

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



53.1445, 0.3002, 0.3118



53.1445, 0.3094, 0.3133



53.1445, 0.3197, 0.3189

Triad

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



53.1445, 0.3094, 0.3133



53.1445, 0.3314, 0.3431



53.1445, 0.2975, 0.3307

Complementary

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



53.1445, 0.3094, 0.3133



58.0417, 0.3158, 0.3448

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.



53.1445, 0.3056, 0.3395



53.1445, 0.3094, 0.3133



53.1445, 0.3253, 0.3466

Square

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



53.1445, 0.3094, 0.3133



53.1445, 0.3325, 0.3359



53.1445, 0.3158, 0.3454



53.1445, 0.2933, 0.3216

Rectangle

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



53.1445, 0.3094, 0.3133



53.1445, 0.3257, 0.3241



53.1445, 0.3158, 0.3454



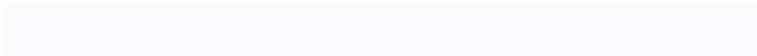
53.1445, 0.2998, 0.3338

Sweetspot

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



53.1468, 0.3094, 0.3133



96.4182, 0.3117, 0.3241



54.3837, 0.3030, 0.3194



20.6750, 0.3118, 0.3244



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.



53.1468, 0.3094, 0.3133



86.2072, 0.3085, 0.3090



53.7778, 0.3144, 0.3150



11.1795, 0.3077, 0.3057



5.5614, 0.2271, 0.1025



0.3298, 0.2454, 0.1126

Inverse Universe

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



53.4680, 0.3196, 0.3230



86.8865, 0.3215, 0.3214



57.4419, 0.3110, 0.3434



11.2840, 0.3231, 0.3201



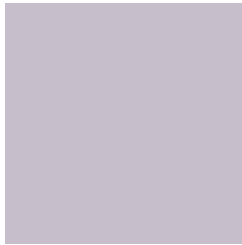
8.4488, 0.5418, 0.2758



0.4506, 0.4891, 0.2468

Previews

White Background



This preview shows how the Yxy color 53.1445, 0.3094, 0.3133 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 53.1445, 0.3094, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

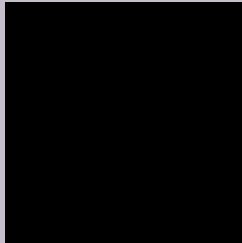
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

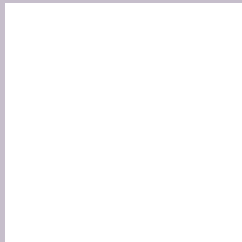
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1445, 0.3094, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 53.1445, 0.3094, 0.3133.

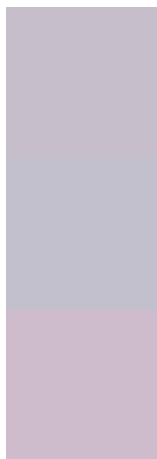


This preview shows how white text looks on a background with the Yxy color 53.1445, 0.3094, 0.3133.

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

53.1445, 0.3094, 0.3133

Protanopia

53.3964, 0.3046, 0.3144

Deuteranopia

53.0221, 0.3153, 0.3089



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.1445, 0.3094, 0.3133

Protanomaly

53.2233, 0.3062, 0.3132

Deuteranomaly

53.0226, 0.3128, 0.3099

Tritanomaly

53.1923, 0.3087, 0.3121

Monochromacy



Original Color

53.1445, 0.3094, 0.3133

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7732, 0.3113, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1445, 0.3094, 0.3133 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(198, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(198, 190, 203)  
}
```

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(198, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 190, 203) }
```

Border

The CSS property to change the border of an element to Yxy 53.1445, 0.3094, 0.3133 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(198, 190, 203) }
```

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

```
.border{ border-color:rgb(198, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 190,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1445, 0.3094, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 190, 203) }
```

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

```
.background{ background-color: rgb(198,  
190, 203) }
```

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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