

Converting Colors

Yxy(53.8377, 0.3066, 0.3224)

Have a look what the booklet for
Yxy(53.8377, 0.3066, 0.3224)
contains.

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Color

Yxy(53.7835, 0.3067, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	BFC2C7
RGB	191, 194, 199
RGB Percent	75%, 76%, 78%
CMY	0.2507, 0.2393, 0.2195
CMYK	0.04, 0.03, 0.00, 0.22
HSL	218°, 7%, 76%
HSV	218°, 4%, 78%
XYZ	51.1010, 53.7835, 61.7311
YIQ	193.6730, -3.3930, 0.9190

Conversions

Conversions Part 2

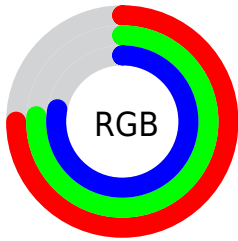
Format	Color
R_{YB}	191, 193, 199
Decimal	12567239
CIE Lab	78.34, -0.05, -2.88
CIE LCh	78, 2.884, 269.019
Yxy	53.7835, 0.3067, 0.3228
Android (android.graphics.Color)	4290757319 (0xFFBFC2C7)
YUV	193.6730, 2.6262, -2.3442
Hunter-Lab	73.3372, -3.9623, 1.4292

Details

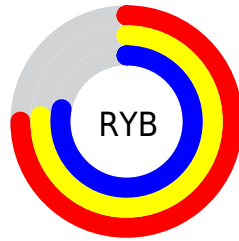
The Yxy color **53.7835, 0.3067, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4372, 0.3188, 0.3351**, and the grayscale version is **53.7385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3654, 0.3079, 0.3242**, and **26.2038, 0.3056, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **46.0008, 0.2909, 0.3059**, and if you desaturate by 10%, it is **62.3977, 0.3214, 0.3378**.

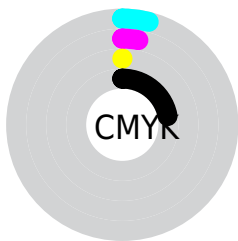
Distribution



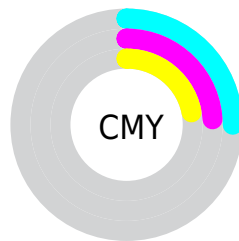
- Red (75%)
- Green (76%)
- Blue (78%)



- Red (75%)
- Yellow (76%)
- Blue (78%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7835, 0.3067, 0.3228 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 53.7835, 0.3067, 0.3228 by changing the saturation by 10% instead.

■ 53.7835, 0.3067,
0.3228

■ 53.7835, 0.3067,
0.3228

401.2839, 0.3096,
0.3258

■ 38.4286, 0.3060,
0.3221

■ 95.7563, 0.3078,
0.3239

■ 26.3155, 0.3051,
0.3211

123.1430, 0.3082,
0.3243

■ 17.0598, 0.3039,
0.3199

155.3090, 0.3085,
0.3247

■ 10.2772, 0.3023,
0.3182

192.6389, 0.3088,
0.3250

■ 5.5831, 0.2999,
0.3158

235.5169, 0.3090,
0.3252

■ 2.5933, 0.2962,
0.3120

284.3275, 0.3093,

■ 0.9233, 0.2895,

0.3254

0.3050

339.4550, 0.3095,
0.3257

0.0000, 0.0000,
0.0000

53.7835, 0.3067,
0.3228

53.7835, 0.3067,
0.3228

46.0008, 0.2909,
0.3059

62.3977, 0.3214,
0.3378

39.0170, 0.2742,
0.2871

71.8612, 0.3351,
0.3509

32.8071, 0.2569,
0.2664

82.1998, 0.3476,
0.3625

27.3423, 0.2394,
0.2440

90.3403, 0.3481,
0.3742

22.5918, 0.2221,
0.2202

96.9044, 0.3460,
0.3840

■ 18.5221, 0.2059,
0.1958

■ 15.0970, 0.1913,
0.1715

■ 12.2759, 0.1792,
0.1484

■ 10.0120, 0.1700,
0.1273

Harmonies

Analogous

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



53.7835, 0.3053, 0.3247



53.7835, 0.3067, 0.3228



53.7835, 0.3097, 0.3225

Triad

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



53.7835, 0.3067, 0.3228



53.7835, 0.3196, 0.3301



53.7835, 0.3119, 0.3342

Complementary

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



53.7835, 0.3067, 0.3228



55.4372, 0.3188, 0.3351

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.



53.7835, 0.3157, 0.3356



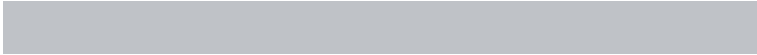
53.7835, 0.3067, 0.3228



53.7835, 0.3202, 0.3332

Square

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



53.7835, 0.3067, 0.3228



53.7835, 0.3172, 0.3267



53.7835, 0.3188, 0.3353



53.7835, 0.3083, 0.3313

Rectangle

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



53.7835, 0.3067, 0.3228



53.7835, 0.3123, 0.3233



53.7835, 0.3188, 0.3353



53.7835, 0.3132, 0.3348

Sweetspot

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



53.7858, 0.3067, 0.3228



98.4930, 0.3112, 0.3275



55.9311, 0.3086, 0.3326



21.0975, 0.3113, 0.3275



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.



53.7858, 0.3067, 0.3228



92.6150, 0.3050, 0.3211



52.6404, 0.3076, 0.3192



11.5674, 0.3042, 0.3202



5.8618, 0.1662, 0.1183



0.4155, 0.1782, 0.1613

Inverse Universe

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



53.3314, 0.3170, 0.3255



91.6237, 0.3182, 0.3245



56.6201, 0.3177, 0.3386



11.4303, 0.3188, 0.3240



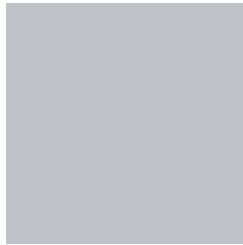
8.1317, 0.5490, 0.2798



0.3990, 0.4914, 0.2481

Previews

White Background



This preview shows how the Yxy color 53.7835, 0.3067, 0.3228 looks on a white background.

Color Contrast Check

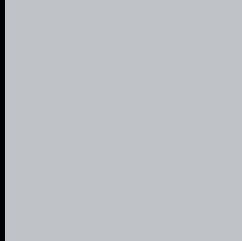
Large Text (above 18pt) WCAG AA × Fail

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 53.7835, 0.3067, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

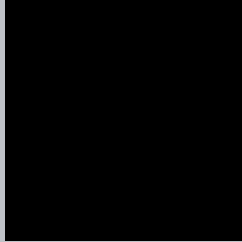
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

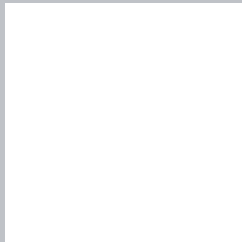
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7835, 0.3067, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 53.7835, 0.3067, 0.3228.

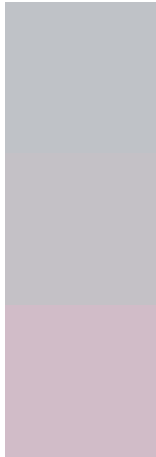


This preview shows how white text looks on a background with the Yxy color 53.7835, 0.3067, 0.3228.

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

53.7835, 0.3067, 0.3228

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

53.6919, 0.3208, 0.3149



Tritanopia

53.9005, 0.3010, 0.3108

Trichromacy



Original Color

53.7835, 0.3067, 0.3228

Protanomaly

53.6865, 0.3098, 0.3229

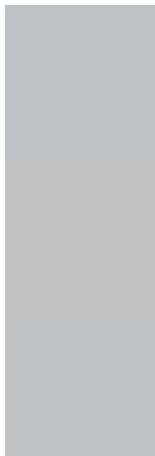
Deuteranomaly

53.5536, 0.3149, 0.3170

Tritanomaly

53.7542, 0.3031, 0.3144

Monochromacy



Original Color

53.7835, 0.3067, 0.3228

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9066, 0.3104, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7835, 0.3067, 0.3228 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, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 199)  
}
```

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, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.7835, 0.3067, 0.3228 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, 194, 199) }
```

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

```
.border{ border-color:rgb(191, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7835, 0.3067, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 199) }
```

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

```
.background{ background-color: rgb(191,  
194, 199) }
```

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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