

Converting Colors

Yxy(51.4296, 0.3152, 0.3231)

Have a look what the booklet for
Yxy(51.4296, 0.3152, 0.3231)
contains.

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Color

Yxy(51.4188, 0.3147, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCC1
RGB	195, 188, 193
RGB Percent	76%, 74%, 76%
CMY	0.2350, 0.2628, 0.2431
CMYK	0.00, 0.04, 0.01, 0.24
HSL	317°, 6%, 75%
HSV	317°, 4%, 76%
XYZ	50.1286, 51.4188, 57.7426
YIQ	190.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

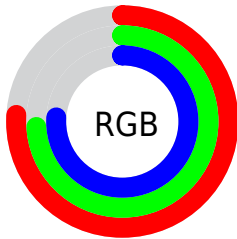
Format	Color
R _Y B	195, 188, 193
Decimal	12827841
CIE Lab	76.93, 3.40, -1.66
CIE LCh	77, 3.786, 334.027
Yxy	51.4188, 0.3147, 0.3228
Android (android.graphics.Color)	4291017921 (0xFFC3BCC1)
YUV	190.6630, 1.1521, 3.8035
Hunter-Lab	71.7069, -0.7021, 2.4510

Details

The Yxy color **51.4188, 0.3147, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4692, 0.3108, 0.3353**, and the grayscale version is **51.8935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2364, 0.3149, 0.3242**, and **24.8841, 0.3142, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **43.3957, 0.3208, 0.3052**, and if you desaturate by 10%, it is **60.5824, 0.3095, 0.3395**.

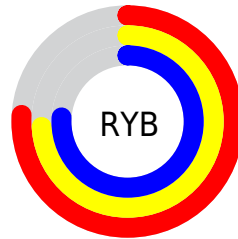
Distribution



Red (76%)

Green (74%)

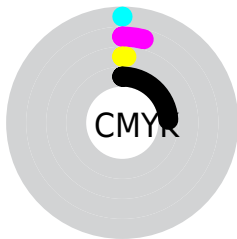
Blue (76%)



Red (76%)

Yellow (74%)

Blue (76%)

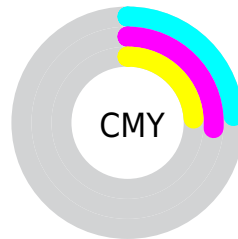


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4188, 0.3147, 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 51.4188, 0.3147, 0.3228 by changing the saturation by 10% instead.

■ 51.4188, 0.3147,
0.3228

■ 51.4188, 0.3147,
0.3228

392.1887, 0.3137,
0.3258

■ 36.5420, 0.3149,
0.3221

■ 92.2735, 0.3144,
0.3239

■ 24.8531, 0.3152,
0.3211

119.0203, 0.3142,
0.3243

■ 15.9676, 0.3156,
0.3199

150.4924, 0.3141,
0.3247

■ 9.5013, 0.3162,
0.3182

187.0745, 0.3140,
0.3250

■ 5.0696, 0.3169,
0.3157

229.1507, 0.3139,
0.3252

■ 2.2881, 0.3182,
0.3118

277.1056, 0.3139,

■ 0.7674, 0.3210,

0.3255

0.3032

331.3234, 0.3138,
0.3257

0.0000, 0.0000,
0.0000

51.4188, 0.3147,
0.3228

51.4188, 0.3147,
0.3228

43.3957, 0.3208,
0.3052

60.5824, 0.3095,
0.3395

36.4615, 0.3280,
0.2869

70.9223, 0.3052,
0.3552

30.5704, 0.3363,
0.2686

82.4809, 0.3015,
0.3697

25.6709, 0.3457,
0.2507

88.0698, 0.2984,
0.3721

21.7068, 0.3561,
0.2344

88.3666, 0.2954,
0.3657

■ 18.6167, 0.3675,
0.2204

■ 88.6736, 0.2924,
0.3594

■ 16.3315, 0.3795,
0.2100

■ 88.9908, 0.2894,
0.3531

■ 14.7717, 0.3917,
0.2040

■ 89.3184, 0.2864,
0.3469

■ 13.8415, 0.4037,
0.2028

■ 89.6564, 0.2835,
0.3407

Harmonies

Analogous

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



51.4188, 0.3095, 0.3205



51.4188, 0.3147, 0.3228



51.4188, 0.3194, 0.3267

Triad

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



51.4188, 0.3147, 0.3228



51.4188, 0.3202, 0.3376



51.4188, 0.3033, 0.3267

Complementary

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



51.4188, 0.3147, 0.3228



53.4692, 0.3108, 0.3353

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.



51.4188, 0.3061, 0.3313



51.4188, 0.3147, 0.3228



51.4188, 0.3159, 0.3377

Square

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



51.4188, 0.3147, 0.3228



51.4188, 0.3226, 0.3352



51.4188, 0.3107, 0.3354



51.4188, 0.3030, 0.3227

Rectangle

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



51.4188, 0.3147, 0.3228



51.4188, 0.3216, 0.3297



51.4188, 0.3107, 0.3354



51.4188, 0.3040, 0.3282

Sweetspot

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



51.4210, 0.3147, 0.3228



96.1149, 0.3133, 0.3273



50.8480, 0.3090, 0.3202



21.0655, 0.3132, 0.3274



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.



51.4210, 0.3147, 0.3228



91.3658, 0.3149, 0.3221



51.2668, 0.3174, 0.3271



11.0350, 0.3153, 0.3210



8.7577, 0.4097, 0.2030



0.3899, 0.3855, 0.1897

Inverse Universe

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



51.4210, 0.3147, 0.3228



91.3658, 0.3149, 0.3221



53.6240, 0.3082, 0.3309



11.0350, 0.3153, 0.3210



8.7577, 0.4097, 0.2030



0.3899, 0.3855, 0.1897

Previews

White Background



This preview shows how the Yxy color 51.4188, 0.3147, 0.3228 looks on a white background.

Color Contrast Check

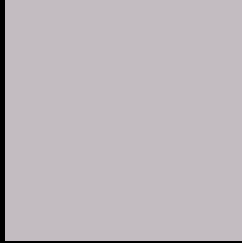
Large Text (above 18pt) WCAG AA × Fail

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 51.4188, 0.3147, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

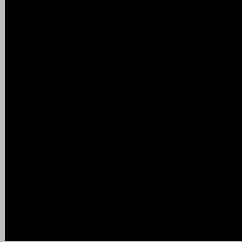
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

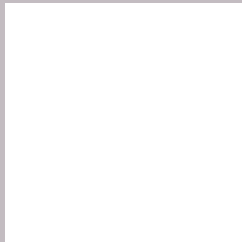
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4188, 0.3147, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 51.4188, 0.3147, 0.3228.



This preview shows how white text looks on a background with the Yxy color 51.4188, 0.3147, 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

51.4188, 0.3147, 0.3228

Protanopia

51.4967, 0.3114, 0.3228

Deuteranopia

51.2978, 0.3234, 0.3170



Tritanopia

51.4935, 0.3094, 0.3119

Trichromacy



Original Color

51.4188, 0.3147, 0.3228

Protanomaly

51.6277, 0.3122, 0.3228

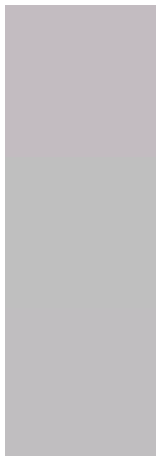
Deuteranomaly

51.1495, 0.3199, 0.3181

Tritanomaly

51.3536, 0.3117, 0.3155

Monochromacy



Original Color

51.4188, 0.3147, 0.3228

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8392, 0.3128, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4188, 0.3147, 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(195, 188, 193)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 193)  
}
```

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, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.4188, 0.3147, 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(195, 188, 193) }
```

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

```
.border{ border-color:rgb(195, 188, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4188, 0.3147, 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(195, 188, 193) }
```

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

```
.background{ background-color: rgb(195,  
188, 193) }
```

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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