

Converting Colors

$Yxy(54.0902, 0.3062, 0.3235)$

Have a look what the booklet for
Yxy(54.0902, 0.3062, 0.3235)
contains.

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Color

Yxy(54.2301, 0.3066, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	BFC3C7
RGB	191, 195, 199
RGB Percent	75%, 76%, 78%
CMY	0.2511, 0.2352, 0.2196
CMYK	0.04, 0.02, 0.00, 0.22
HSL	210°, 7%, 76%
HSV	210°, 4%, 78%
XYZ	51.3019, 54.2301, 61.7932
YIQ	194.2600, -3.6680, 0.3960

Conversions

Conversions Part 2

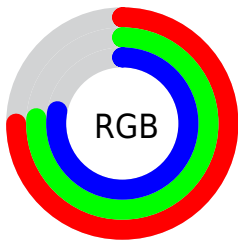
Format	Color
R_{YB}	191, 194, 199
Decimal	12567495
CIE Lab	78.60, -0.64, -2.49
CIE LCh	79, 2.571, 255.594
Yxy	54.2301, 0.3066, 0.3241
Android (android.graphics.Color)	4290757575 (0xFFBFC3C7)
YUV	194.2600, 2.3368, -2.8590
Hunter-Lab	73.6411, -4.5203, 1.7977

Details

The Yxy color **54.2301, 0.3066, 0.3241** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9055, 0.3189, 0.3339**, and the grayscale version is **54.0962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6150, 0.3079, 0.3261**, and **26.4974, 0.3056, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **47.5530, 0.2910, 0.3110**, and if you desaturate by 10%, it is **61.5539, 0.3215, 0.3358**.

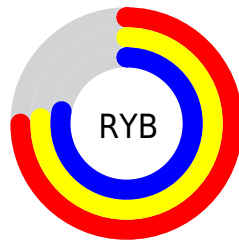
Distribution



Red (75%)

Green (76%)

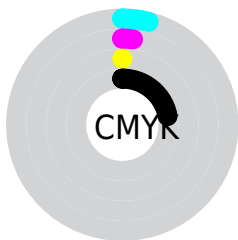
Blue (78%)



Red (75%)

Yellow (76%)

Blue (78%)

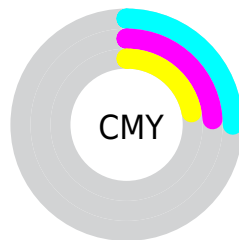


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2301, 0.3066, 0.3241 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 54.2301, 0.3066, 0.3241 by changing the saturation by 10% instead.

■ 54.2301, 0.3066,
0.3241

■ 54.2301, 0.3066,
0.3241

402.9868, 0.3096,
0.3265

■ 38.7857, 0.3059,
0.3235

■ 96.4120, 0.3077,
0.3250

■ 26.5930, 0.3050,
0.3228

123.9183, 0.3081,
0.3253

■ 17.2678, 0.3038,
0.3218

156.2139, 0.3084,
0.3256

■ 10.4256, 0.3021,
0.3205

193.6834, 0.3087,
0.3258

■ 5.6821, 0.2998,
0.3186

236.7110, 0.3090,
0.3260

■ 2.6527, 0.2961,
0.3155

285.6812, 0.3092,

■ 0.9532, 0.2894,

0.3262

0.3100

340.9783, 0.3094,
0.3264

0.0000, 0.0000,
0.0000

54.2301, 0.3066,
0.3241

54.2301, 0.3066,
0.3241

47.5530, 0.2910,
0.3110

61.5539, 0.3215,
0.3358

41.4962, 0.2749,
0.2964

69.5362, 0.3357,
0.3462

36.0411, 0.2587,
0.2804

78.1972, 0.3489,
0.3553

31.1657, 0.2426,
0.2632

84.4822, 0.3501,
0.3647

26.8464, 0.2271,
0.2448

90.2660, 0.3481,
0.3741

■ 23.0575, 0.2128,
0.2258

■ 96.3673, 0.3462,
0.3832

■ 19.7709, 0.2002,
0.2064

■ 96.9033, 0.3460,
0.3840

■ 16.9547, 0.1896,
0.1873

■ 14.5715, 0.1814,
0.1690

Harmonies

Analogous

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



54.2301, 0.3061, 0.3264



54.2301, 0.3066, 0.3241



54.2301, 0.3087, 0.3232

Triad

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



54.2301, 0.3066, 0.3241



54.2301, 0.3181, 0.3286



54.2301, 0.3135, 0.3343

Complementary

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



54.2301, 0.3066, 0.3241



54.9055, 0.3189, 0.3339

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.



54.2301, 0.3167, 0.3349



54.2301, 0.3066, 0.3241



54.2301, 0.3194, 0.3316

Square

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



54.2301, 0.3066, 0.3241



54.2301, 0.3153, 0.3258



54.2301, 0.3189, 0.3339



54.2301, 0.3101, 0.3323

Rectangle

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



54.2301, 0.3066, 0.3241



54.2301, 0.3108, 0.3234



54.2301, 0.3189, 0.3339



54.2301, 0.3147, 0.3347

Sweetspot

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



54.2324, 0.3066, 0.3241



98.7163, 0.3112, 0.3278



55.8496, 0.3095, 0.3341



21.1429, 0.3113, 0.3279



0.0000, 0.0000, 0.0000



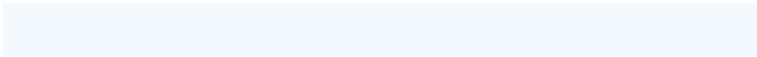
21.4041, 0.3127, 0.3290

Same Dimension

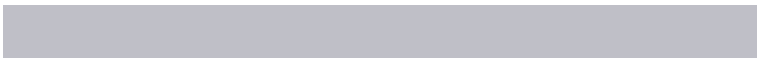
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.2324, 0.3066, 0.3241



93.6980, 0.3050, 0.3228



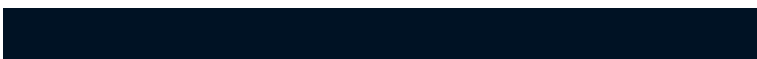
52.4982, 0.3067, 0.3193



11.7182, 0.3042, 0.3221



8.7408, 0.1780, 0.1609



0.5587, 0.1885, 0.1985

Inverse Universe

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



53.3275, 0.3162, 0.3241



91.7331, 0.3171, 0.3228



56.6850, 0.3186, 0.3386



11.4455, 0.3176, 0.3221



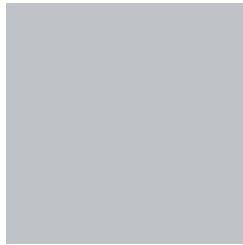
8.4224, 0.4920, 0.2484



0.4134, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 54.2301, 0.3066, 0.3241 looks on a white background.

Color Contrast Check

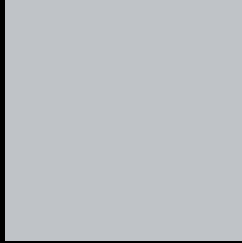
Large Text (above 18pt) WCAG AA × Fail

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 54.2301, 0.3066, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

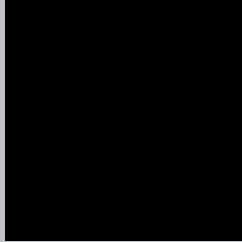
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

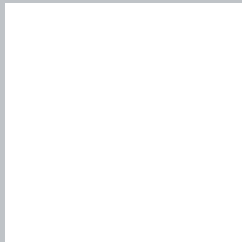
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2301, 0.3066, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 54.2301, 0.3066, 0.3241.

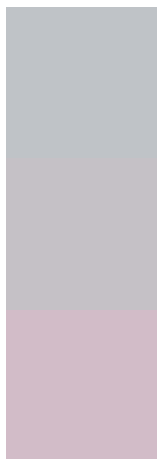


This preview shows how white text looks on a background with the Yxy color 54.2301, 0.3066, 0.3241.

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

54.2301, 0.3066, 0.3241

Protanopia

54.0875, 0.3122, 0.3229

Deuteranopia

53.8382, 0.3216, 0.3149



Tritanopia

54.0808, 0.3010, 0.3097

Trichromacy



Original Color

54.2301, 0.3066, 0.3241

Protanomaly

54.2629, 0.3106, 0.3241

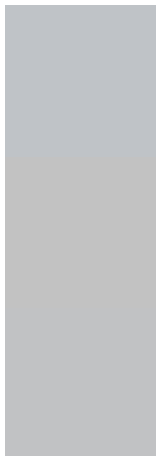
Deuteranomaly

54.1282, 0.3157, 0.3183

Tritanomaly

54.1978, 0.3031, 0.3156

Monochromacy



Original Color

54.2301, 0.3066, 0.3241

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 54.2301, 0.3066, 0.3241 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, 195, 199)` looks like.

```
.text, #text, p{  
    color:rgb(191, 195, 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, 195, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 195, 199) }
```

Border

The CSS property to change the border of an element to Yxy 54.2301, 0.3066, 0.3241 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, 195, 199) }
```

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

```
.border{ border-color:rgb(191, 195, 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, 195, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 195, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 195, 199);  
box-shadow:4px 4px 4px 4px rgb(191, 195,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2301, 0.3066, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 195, 199) }
```

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

```
.background{ background-color: rgb(191,  
195, 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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