

Converting Colors

Yxy(54.2800, 0.2975, 0.3138)

Have a look what the booklet for
Yxy(54.2800, 0.2975, 0.3138)
contains.

Yxy(54.1491, 0.2971, 0.3131)	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(54.1491, 0.2971, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	BBC3D0
RGB	187, 195, 208
RGB Percent	73%, 76%, 82%
CMY	0.2669, 0.2352, 0.1843
CMYK	0.10, 0.06, 0.00, 0.18
HSL	217°, 18%, 77%
HSV	217°, 10%, 82%
XYZ	51.3820, 54.1491, 67.4140
YIQ	194.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

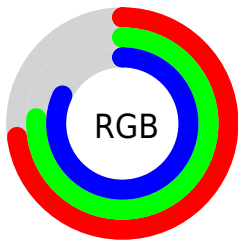
Format	Color
R _Y B	187, 193, 208
Decimal	12305360
CIE Lab	78.55, -0.22, -7.45
CIE LCh	79, 7.450, 268.271
Yxy	54.1491, 0.2971, 0.3131
Android (android.graphics.Color)	4290495440 (0xFFBBC3D0)
YUV	194.0900, 6.8576, -6.2179
Hunter-Lab	73.5861, -4.1368, -2.8068

Details

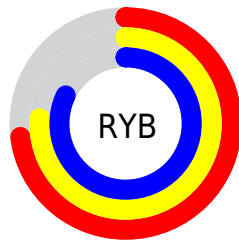
The Yxy color **54.1491, 0.2971, 0.3131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2624, 0.3287, 0.3444**, and the grayscale version is **53.9634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8955, 0.3054, 0.3261**, and **26.4512, 0.2929, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **46.2170, 0.2807, 0.2955**, and if you desaturate by 10%, it is **62.9586, 0.3125, 0.3288**.

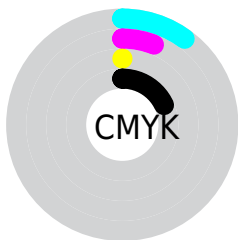
Distribution



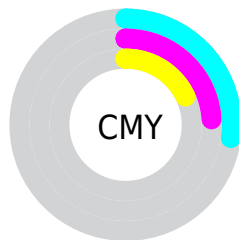
- Red (73%)
- Green (76%)
- Blue (82%)



- Red (73%)
- Yellow (76%)
- Blue (82%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1491, 0.2971, 0.3131 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 54.1491, 0.2971, 0.3131 by changing the saturation by 10% instead.

■ 54.1491, 0.2971,
0.3131

■ 54.1491, 0.2971,
0.3131

402.6783, 0.3047,
0.3208

■ 38.7209, 0.2953,
0.3112

■ 96.2931, 0.2998,
0.3159

■ 26.5427, 0.2929,
0.3089

123.7777, 0.3008,
0.3169

■ 17.2300, 0.2899,
0.3058

156.0499, 0.3017,
0.3178

■ 10.3986, 0.2858,
0.3015

193.4941, 0.3025,
0.3186

■ 5.6641, 0.2799,
0.2955

236.4946, 0.3031,
0.3193

■ 2.6419, 0.2706,
0.2860

285.4359, 0.3037,

■ 0.9478, 0.2542,

0.3199

0.2692

340.7023, 0.3042,
0.3204

0.0000, 0.0000,
0.0000

54.1491, 0.2971,
0.3131

54.1491, 0.2971,
0.3131

46.2170, 0.2807,
0.2955

62.9586, 0.3125,
0.3288

39.1268, 0.2637,
0.2760

72.6658, 0.3269,
0.3427

32.8505, 0.2463,
0.2548

83.2988, 0.3402,
0.3549

27.3560, 0.2290,
0.2321

91.8975, 0.3420,
0.3669

22.6086, 0.2125,
0.2084

97.3338, 0.3406,
0.3751

■ 18.5706, 0.1975,
0.1845

■ 15.2002, 0.1845,
0.1612

■ 12.4499, 0.1743,
0.1395

■ 10.2683, 0.1667,
0.1202

Harmonies

Analogous

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



54.1491, 0.2937, 0.3181



54.1491, 0.2971, 0.3131



54.1491, 0.3047, 0.3124

Triad

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



54.1491, 0.2971, 0.3131



54.1491, 0.3305, 0.3315



54.1491, 0.3107, 0.3426

Complementary

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



54.1491, 0.2971, 0.3131



58.2624, 0.3287, 0.3444

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.



54.1491, 0.3206, 0.3462



54.1491, 0.2971, 0.3131



54.1491, 0.3322, 0.3396

Square

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



54.1491, 0.2971, 0.3131



54.1491, 0.3240, 0.3229



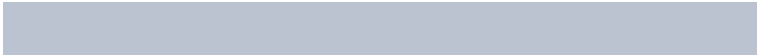
54.1491, 0.3285, 0.3450



54.1491, 0.3014, 0.3352

Rectangle

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



54.1491, 0.2971, 0.3131



54.1491, 0.3112, 0.3144



54.1491, 0.3285, 0.3450



54.1491, 0.3140, 0.3443

Sweetspot

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



54.1514, 0.2971, 0.3131



95.6074, 0.3081, 0.3244



59.8166, 0.3029, 0.3392



20.2174, 0.3069, 0.3232



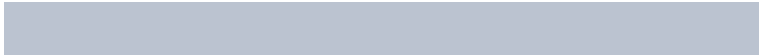
0.0000, 0.0000, 0.0000



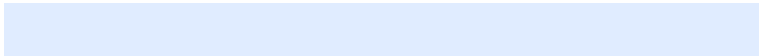
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1514, 0.2971, 0.3131



83.2066, 0.2939, 0.3097



50.8937, 0.2987, 0.3031



12.1511, 0.2982, 0.3143



6.5739, 0.1675, 0.1228



0.5194, 0.1778, 0.1600

Inverse Universe

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



52.8656, 0.3240, 0.3194



80.8512, 0.3265, 0.3174



61.8005, 0.3260, 0.3539



11.8823, 0.3231, 0.3201



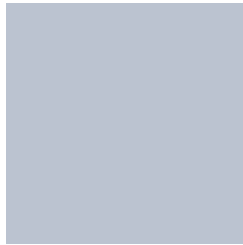
8.7349, 0.5427, 0.2763



0.5037, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 54.1491, 0.2971, 0.3131 looks on a white background.

Color Contrast Check

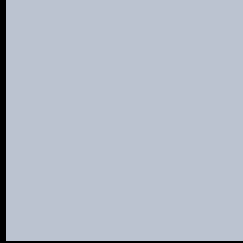
Large Text (above 18pt) WCAG AA × Fail

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 54.1491, 0.2971, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

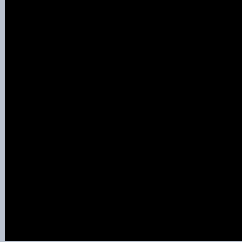
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

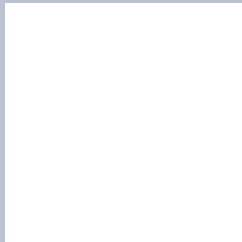
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1491, 0.2971, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 54.1491, 0.2971, 0.3131.

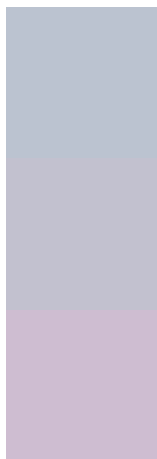


This preview shows how white text looks on a background with the Yxy color 54.1491, 0.2971, 0.3131.

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

54.1491, 0.2971, 0.3131

Protanopia

54.1143, 0.3032, 0.3121

Deuteranopia

54.1205, 0.3114, 0.3055



Tritanopia

54.2482, 0.2958, 0.3107

Trichromacy



Original Color

54.1491, 0.2971, 0.3131

Protanomaly

54.1649, 0.3009, 0.3132

Deuteranomaly

54.0072, 0.3057, 0.3075

Tritanomaly

54.1985, 0.2964, 0.3119

Monochromacy



Original Color

54.1491, 0.2971, 0.3131

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.7835, 0.3067, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1491, 0.2971, 0.3131 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(187, 195, 208)` looks like.

```
.text, #text, p{  
    color:rgb(187, 195, 208)  
}
```

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(187, 195, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 195, 208) }
```

Border

The CSS property to change the border of an element to Yxy 54.1491, 0.2971, 0.3131 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(187, 195, 208) }
```

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

```
.border{ border-color:rgb(187, 195, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 195, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 195, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 195, 208);  
box-shadow:4px 4px 4px 4px rgb(187, 195,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1491, 0.2971, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 195, 208) }
```

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

```
.background{ background-color: rgb(187,  
195, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor