

Converting Colors

Yxy(54.9284, 0.2987, 0.3201)

Have a look what the booklet for
Yxy(54.9284, 0.2987, 0.3201)
contains.

Yxy(54.7794, 0.2985, 0.3191)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.7794, 0.2985, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	BAC5CD
RGB	186, 197, 205
RGB Percent	73%, 77%, 80%
CMY	0.2705, 0.2275, 0.1960
CMYK	0.09, 0.04, 0.00, 0.20
HSL	205°, 16%, 77%
HSV	205°, 9%, 80%
XYZ	51.2430, 54.7794, 65.6460
YIQ	194.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

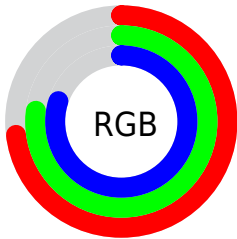
Format	Color
R _{YB}	186, 193, 205
Decimal	12240333
CIE _{Lab}	78.91, -2.17, -5.31
CIE _{LCh}	79, 5.738, 247.808
Y _{xy}	54.7794, 0.2985, 0.3191
Android (android.graphics.Color)	4290430413 (0xFFBAC5CD)
YUV	194.6230, 5.1159, -7.5624
Hunter-Lab	74.0131, -5.9383, -0.7782

Details

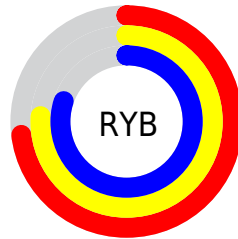
The Yxy color **54.7794, 0.2985, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1410, 0.3277, 0.3387**, and the grayscale version is **54.3149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9809, 0.3048, 0.3280**, and **26.8658, 0.2948, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **48.5703, 0.2828, 0.3073**, and if you desaturate by 10%, it is **61.5881, 0.3138, 0.3297**.

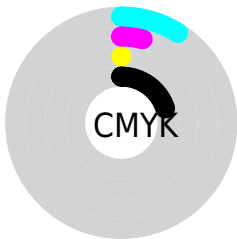
Distribution



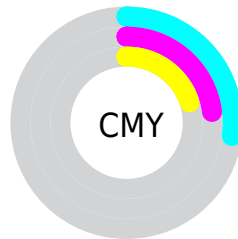
- Red (73%)
- Green (77%)
- Blue (80%)



- Red (73%)
- Yellow (76%)
- Blue (80%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7794, 0.2985, 0.3191 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 54.7794, 0.2985, 0.3191 by changing the saturation by 10% instead.

■ 54.7794, 0.2985,
0.3191

■ 54.7794, 0.2985,
0.3191

405.0752, 0.3054,
0.3239

■ 39.2251, 0.2968,
0.3179

■ 97.2177, 0.3010,
0.3208

■ 26.9349, 0.2947,
0.3164

124.8705, 0.3019,
0.3215

■ 17.5243, 0.2920,
0.3145

157.3249, 0.3027,
0.3221

■ 10.6090, 0.2883,
0.3118

194.9653, 0.3034,
0.3225

■ 5.8046, 0.2829,
0.3079

238.1762, 0.3040,
0.3230

■ 2.7266, 0.2746,
0.3018

287.3418, 0.3045,

■ 0.9907, 0.2600,

0.3233

0.2908

342.8467, 0.3050,
0.3237

0.0000, 0.0000,
0.0000

54.7794, 0.2985,
0.3191

54.7794, 0.2985,
0.3191

48.5703, 0.2828,
0.3073

61.5881, 0.3138,
0.3297

42.9343, 0.2670,
0.2943

69.0077, 0.3286,
0.3392

37.8533, 0.2514,
0.2802

77.0581, 0.3427,
0.3476

33.3052, 0.2364,
0.2651

83.1980, 0.3466,
0.3559

29.2661, 0.2225,
0.2492

88.1908, 0.3450,
0.3643

■ 25.7098, 0.2101,
0.2328

■ 93.4276, 0.3434,
0.3725

■ 22.6069, 0.1995,
0.2164

■ 97.1890, 0.3424,
0.3780

■ 19.9235, 0.1911,
0.2001

■ 17.6046, 0.1847,
0.1844

Harmonies

Analogous

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



54.7794, 0.2985, 0.3247



54.7794, 0.2985, 0.3191



54.7794, 0.3023, 0.3162

Triad

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



54.7794, 0.2985, 0.3191



54.7794, 0.3233, 0.3264



54.7794, 0.3164, 0.3416

Complementary

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



54.7794, 0.2985, 0.3191



55.1410, 0.3277, 0.3387

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.



54.7794, 0.3232, 0.3420



54.7794, 0.2985, 0.3191



54.7794, 0.3272, 0.3331

Square

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



54.7794, 0.2985, 0.3191



54.7794, 0.3166, 0.3204



54.7794, 0.3271, 0.3388



54.7794, 0.3087, 0.3378

Rectangle

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



54.7794, 0.2985, 0.3191



54.7794, 0.3065, 0.3162



54.7794, 0.3271, 0.3388



54.7794, 0.3189, 0.3422

Sweetspot

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



54.7817, 0.2985, 0.3191



96.5312, 0.3081, 0.3259



58.0107, 0.3061, 0.3426



20.4666, 0.3069, 0.3250



0.0000, 0.0000, 0.0000



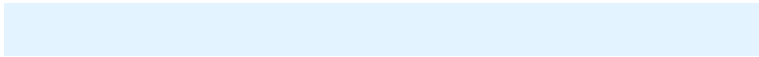
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7817, 0.2985, 0.3191



87.7271, 0.2956, 0.3170



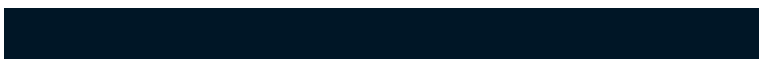
50.6536, 0.2984, 0.3074



11.9012, 0.2983, 0.3190



11.0482, 0.1849, 0.1855



0.7183, 0.1934, 0.2163

Inverse Universe

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



52.1445, 0.3200, 0.3159



82.6503, 0.3217, 0.3132



59.4509, 0.3266, 0.3497



11.3204, 0.3201, 0.3157



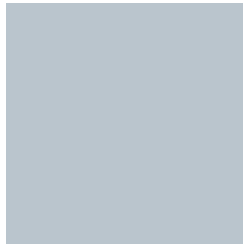
8.9183, 0.4621, 0.2319



0.4751, 0.4272, 0.2127

Previews

White Background



This preview shows how the Yxy color 54.7794, 0.2985, 0.3191 looks on a white background.

Color Contrast Check

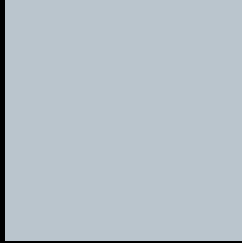
Large Text (above 18pt) WCAG AA × Fail

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 54.7794, 0.2985, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

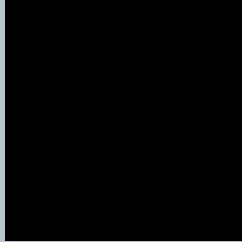
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

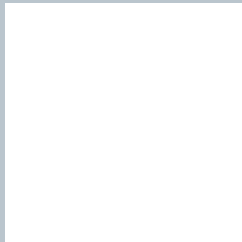
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7794, 0.2985, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 54.7794, 0.2985, 0.3191.



This preview shows how white text looks on a background with the Yxy color 54.7794, 0.2985, 0.3191.

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

54.7794, 0.2985, 0.3191

Protanopia

54.6311, 0.3077, 0.3181

Deuteranopia

54.4555, 0.3153, 0.3080



Tritanopia

54.7981, 0.2944, 0.3095

Trichromacy



Original Color

54.7794, 0.2985, 0.3191

Protanomaly

54.5963, 0.3038, 0.3180

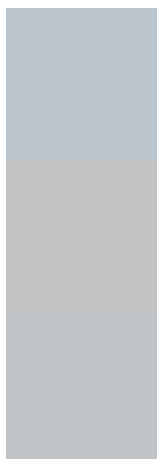
Deuteranomaly

54.5730, 0.3095, 0.3123

Tritanomaly

54.6481, 0.2965, 0.3131

Monochromacy



Original Color

54.7794, 0.2985, 0.3191

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.8098, 0.3074, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7794, 0.2985, 0.3191 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(186, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 205)  
}
```

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(186, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 205) }
```

Border

The CSS property to change the border of an element to Yxy 54.7794, 0.2985, 0.3191 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(186, 197, 205) }
```

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

```
.border{ border-color:rgb(186, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(186, 197,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7794, 0.2985, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 205) }
```

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

```
.background{ background-color: rgb(186,  
197, 205) }
```

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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