

Converting Colors

$Yxy(54.2356, 0.2928, 0.3036)$

Have a look what the booklet for
Yxy(54.2356, 0.2928, 0.3036)
contains.

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Color

Yxy(54.1812, 0.2930, 0.3036)

Conversions

Conversions Part 1

Format	Color
Hex	BCC2D7
RGB	188, 194, 215
RGB Percent	74%, 76%, 84%
CMY	0.2629, 0.2392, 0.1569
CMYK	0.13, 0.10, 0.00, 0.16
HSL	227°, 25%, 79%
HSV	227°, 13%, 84%
XYZ	52.2895, 54.1812, 71.9918
YIQ	194.6000, -10.3170, 5.2590

Conversions

Conversions Part 2

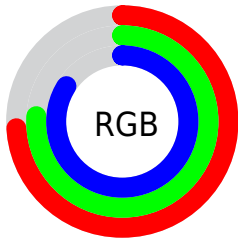
Format	Color
RYB	188, 193, 215
Decimal	12370647
CIELab	78.57, 2.08, -11.19
CIELCh	79, 11.380, 280.525
Yxy	54.1812, 0.2930, 0.3036
Android (android.graphics.Color)	4290560727 (0xFFBCC2D7)
YUV	194.6000, 10.0572, -5.7882
Hunter-Lab	73.6079, -2.0111, -6.4627

Details

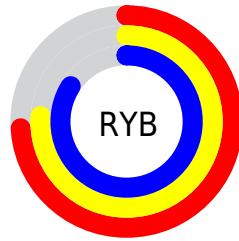
The Yxy color $54.1812, 0.2930, 0.3036$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.6525, 0.3323, 0.3532$, and the grayscale version is $54.2648, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.8243, 0.3061, 0.3241$, and $26.4451, 0.2884, 0.2966$ is the 20% darker color. If you saturate the color by 10%, you get $44.6373, 0.2758, 0.2805$, and if you desaturate by 10%, it is $64.9705, 0.3089, 0.3241$.

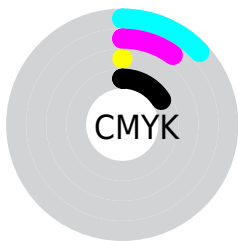
Distribution



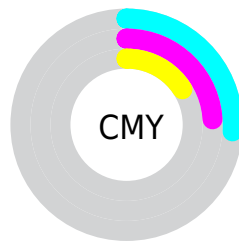
- Red (74%)
- Green (76%)
- Blue (84%)



- Red (74%)
- Yellow (76%)
- Blue (84%)



- Cyan (13%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1812, 0.2930, 0.3036 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 54.1812, 0.2930, 0.3036 by changing the saturation by 10% instead.

■ 54.1812, 0.2930,
0.3036

■ 54.1812, 0.2930,
0.3036

402.8006, 0.3026,
0.3159

■ 38.7465, 0.2907,
0.3007

■ 96.3402, 0.2964,
0.3080

■ 26.5626, 0.2878,
0.2969

123.8334, 0.2977,
0.3096

■ 17.2450, 0.2839,
0.2921

156.1149, 0.2988,
0.3111

■ 10.4093, 0.2787,
0.2856

193.5691, 0.2998,
0.3123

■ 5.6712, 0.2713,
0.2763

236.5803, 0.3006,
0.3134

■ 2.6462, 0.2597,
0.2621

285.5331, 0.3014,

■ 0.9499, 0.2395,

0.3143

0.2377

340.8117, 0.3020,
0.3151

0.0000, 0.0000,
0.0000

54.1812, 0.2930,
0.3036

54.1812, 0.2930,
0.3036

44.6373, 0.2758,
0.2805

64.9705, 0.3089,
0.3241

36.2867, 0.2574,
0.2551

77.0415, 0.3233,
0.3422

29.0835, 0.2383,
0.2275

90.4372, 0.3362,
0.3579

22.9760, 0.2192,
0.1985

97.6863, 0.3364,
0.3681

17.9087, 0.2009,
0.1693

■ 13.8206, 0.1845,
0.1412

■ 10.6442, 0.1710,
0.1159

■ 8.3019, 0.1613,
0.0948

■ 7.0303, 0.1562,
0.0824

Harmonies

Analogous

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



54.1812, 0.2850, 0.3084



54.1812, 0.2930, 0.3036



54.1812, 0.3063, 0.3054

Triad

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



54.1812, 0.2930, 0.3036



54.1812, 0.3420, 0.3379



54.1812, 0.3034, 0.3458

Complementary

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



54.1812, 0.2930, 0.3036



63.6525, 0.3323, 0.3532

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.



54.1812, 0.3186, 0.3541



54.1812, 0.2930, 0.3036



54.1812, 0.3411, 0.3490

Square

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



54.1812, 0.2930, 0.3036



54.1812, 0.3349, 0.3248



54.1812, 0.3324, 0.3552



54.1812, 0.2909, 0.3327

Rectangle

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



54.1812, 0.2930, 0.3036



54.1812, 0.3166, 0.3099



54.1812, 0.3324, 0.3552



54.1812, 0.3083, 0.3492

Sweetspot

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



54.1835, 0.2930, 0.3036



93.1688, 0.3066, 0.3213



63.8763, 0.2976, 0.3365



19.6744, 0.3055, 0.3198



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.



54.1835, 0.2930, 0.3036



75.9524, 0.2887, 0.2979



52.4825, 0.2984, 0.2967



12.4551, 0.2982, 0.3104



4.3362, 0.1569, 0.0846



0.3876, 0.1660, 0.1174

Inverse Universe

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



54.2938, 0.3306, 0.3220



76.2102, 0.3348, 0.3205



65.6102, 0.3259, 0.3604



12.4659, 0.3256, 0.3238



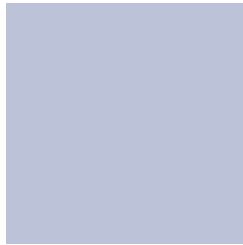
8.7826, 0.5996, 0.3077



0.5425, 0.5503, 0.2805

Previews

White Background



This preview shows how the Yxy color 54.1812, 0.2930, 0.3036 looks on a white background.

Color Contrast Check

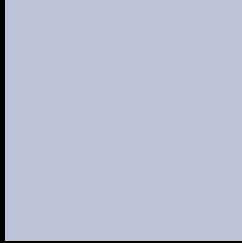
Large Text (above 18pt) WCAG AA × Fail

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 54.1812, 0.2930, 0.3036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

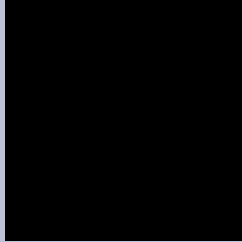
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

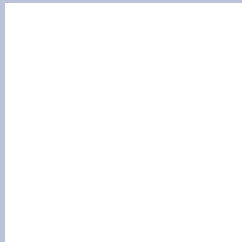
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1812, 0.2930, 0.3036

Background



This preview shows how black text looks on a background with the Yxy color 54.1812, 0.2930, 0.3036.

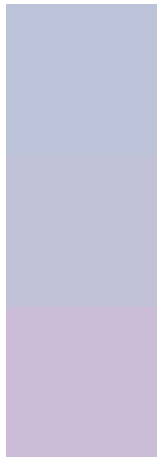


This preview shows how white text looks on a background with the Yxy color 54.1812, 0.2930, 0.3036.

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

54.1812, 0.2930, 0.3036

Protanopia

54.2014, 0.2967, 0.3038

Deuteranopia

54.0496, 0.3038, 0.2974



Tritanopia

54.2482, 0.2958, 0.3107

Trichromacy



Original Color

54.1812, 0.2930, 0.3036

Protanomaly

54.0713, 0.2960, 0.3037

Deuteranomaly

54.2252, 0.2999, 0.2994

Tritanomaly

54.3485, 0.2944, 0.3083

Monochromacy



Original Color

54.1812, 0.2930, 0.3036

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.5009, 0.3052, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1812, 0.2930, 0.3036 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(188, 194, 215)` looks like.

```
.text, #text, p{  
    color:rgb(188, 194, 215)  
}
```

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(188, 194, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 194, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.1812, 0.2930, 0.3036 is called "border". The border property can be set on classes, ids or directly on the HTML element.

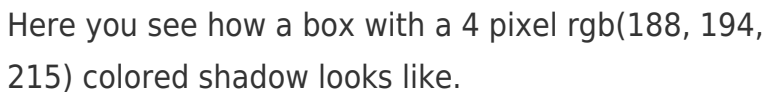
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 194, 215) }
```

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

```
.border{ border-color:rgb(188, 194, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 194, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 194, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 194, 215); box-shadow:4px 4px 4px 4px rgb(188, 194, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1812, 0.2930, 0.3036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 194, 215) }
```

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

```
.background{ background-color: rgb(188,  
194, 215) }
```

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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