

Converting Colors

$Yxy(54.8978, 0.2912, 0.2983)$

Have a look what the booklet for
Yxy(54.8978, 0.2912, 0.2983)
contains.

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Color

Yxy(54.6980, 0.2911, 0.2979)

Conversions

Conversions Part 1

Format	Color
Hex	BEC2DC
RGB	190, 194, 220
RGB Percent	75%, 76%, 86%
CMY	0.2548, 0.2392, 0.1372
CMYK	0.14, 0.12, 0.00, 0.14
HSL	232°, 30%, 80%
HSV	232°, 14%, 86%
XYZ	53.4494, 54.6980, 75.4645
YIQ	195.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

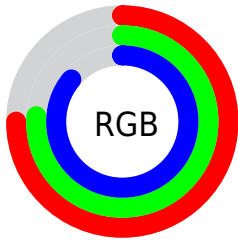
Format	Color
R _Y B	190, 194, 220
Decimal	12501724
CIE Lab	78.87, 3.79, -13.43
CIE LCh	79, 13.955, 285.776
Yxy	54.6980, 0.2911, 0.2979
Android (android.graphics.Color)	4290691804 (0xFFBEC2DC)
YUV	195.7680, 11.9464, -5.0585
Hunter-Lab	73.9581, -0.4249, -8.7270

Details

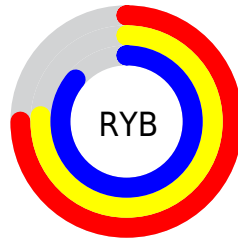
The Yxy color **54.6980, 0.2911, 0.2979** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.0672, 0.3336, 0.3583**, and the grayscale version is **54.9904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1840, 0.3073, 0.3241**, and **26.7070, 0.2849, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **44.1228, 0.2733, 0.2717**, and if you desaturate by 10%, it is **66.7959, 0.3073, 0.3212**.

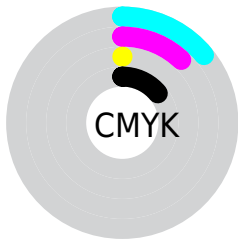
Distribution



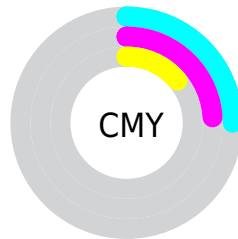
- Red (75%)
- Green (76%)
- Blue (86%)



- Red (75%)
- Yellow (76%)
- Blue (86%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6980, 0.2911, 0.2979 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 54.6980, 0.2911, 0.2979 by changing the saturation by 10% instead.

■ 54.6980, 0.2911,
0.2979

■ 54.6980, 0.2911,
0.2979

404.7661, 0.3016,
0.3128

■ 39.1600, 0.2886,
0.2943

■ 97.0983, 0.2949,
0.3032

■ 26.8842, 0.2854,
0.2899

124.7294, 0.2963,
0.3052

■ 17.4863, 0.2812,
0.2841

157.1604, 0.2975,
0.3070

■ 10.5818, 0.2755,
0.2764

194.7755, 0.2986,
0.3085

■ 5.7864, 0.2674,
0.2654

237.9593, 0.2995,
0.3098

■ 2.7156, 0.2549,
0.2489

287.0960, 0.3003,

■ 0.9851, 0.2334,

0.3109

0.2212

342.5702, 0.3010,
0.3119

0.0000, 0.0000,
0.0000

54.6980, 0.2911,
0.2979

54.6980, 0.2911,
0.2979

44.1228, 0.2733,
0.2717

66.7959, 0.3073,
0.3212

35.0031, 0.2541,
0.2428

80.4664, 0.3217,
0.3417

27.2768, 0.2340,
0.2117

95.5720, 0.3338,
0.3596

20.8748, 0.2139,
0.1797

97.9484, 0.3333,
0.3631

15.7218, 0.1948,
0.1483

■ 11.7351, 0.1780,
0.1194

■ 8.8213, 0.1649,
0.0951

■ 6.8725, 0.1561,
0.0771

■ 6.0580, 0.1526,
0.0691

Harmonies

Analogous

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



54.6980, 0.2801, 0.3022



54.6980, 0.2911, 0.2979



54.6980, 0.3081, 0.3015

Triad

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



54.6980, 0.2911, 0.2979



54.6980, 0.3492, 0.3423



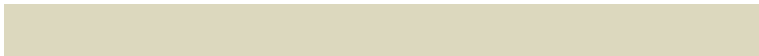
54.6980, 0.2982, 0.3471

Complementary

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



54.6980, 0.2911, 0.2979



68.0672, 0.3336, 0.3583

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.



54.6980, 0.3165, 0.3587



54.6980, 0.2911, 0.2979



54.6980, 0.3462, 0.3552

Square

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



54.6980, 0.2911, 0.2979



54.6980, 0.3420, 0.3266



54.6980, 0.3341, 0.3615



54.6980, 0.2841, 0.3304

Rectangle

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



54.6980, 0.2911, 0.2979



54.6980, 0.3207, 0.3078



54.6980, 0.3341, 0.3615



54.6980, 0.3041, 0.3518

Sweetspot

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



54.7003, 0.2911, 0.2979



92.6022, 0.3067, 0.3204



67.1052, 0.2945, 0.3336



19.5315, 0.3055, 0.3187



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.



54.7003, 0.2911, 0.2979



72.5327, 0.2868, 0.2916



54.4209, 0.2994, 0.2939



12.8946, 0.2981, 0.3081



3.6466, 0.1530, 0.0707



0.3288, 0.1595, 0.0941

Inverse Universe

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



55.9466, 0.3345, 0.3245



74.6016, 0.3392, 0.3236



68.4737, 0.3248, 0.3635



13.0795, 0.3271, 0.3259



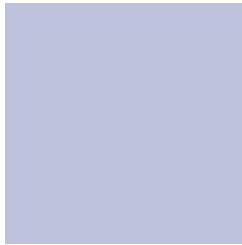
8.9919, 0.6221, 0.3200



0.5919, 0.5849, 0.2996

Previews

White Background



This preview shows how the Yxy color 54.6980, 0.2911, 0.2979 looks on a white background.

Color Contrast Check

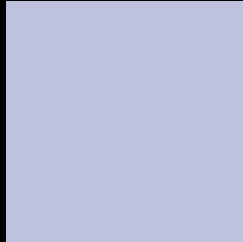
Large Text (above 18pt) WCAG AA × Fail

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 54.6980, 0.2911, 0.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

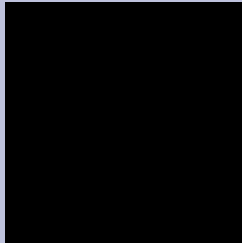
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

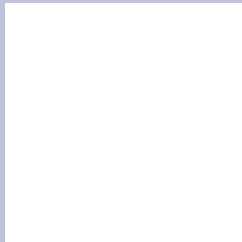
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.6980, 0.2911, 0.2979

Background



This preview shows how black text looks on a background with the Yxy color 54.6980, 0.2911, 0.2979.



This preview shows how white text looks on a background with the Yxy color 54.6980, 0.2911, 0.2979.

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

54.6980, 0.2911, 0.2979

Protanopia

54.8272, 0.2918, 0.2980

Deuteranopia

54.6039, 0.2994, 0.2929



Tritanopia

54.8744, 0.2958, 0.3108

Trichromacy



Original Color

54.6980, 0.2911, 0.2979

Protanomaly

54.8272, 0.2918, 0.2980

Deuteranomaly

54.4878, 0.2964, 0.2938

Tritanomaly

54.7041, 0.2945, 0.3060

Monochromacy



Original Color

54.6980, 0.2911, 0.2979

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9073, 0.3046, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6980, 0.2911, 0.2979 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(190, 194, 220)` looks like.

```
.text, #text, p{  
    color:rgb(190, 194, 220)  
}
```

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(190, 194, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 194, 220) }
```

Border

The CSS property to change the border of an element to Yxy 54.6980, 0.2911, 0.2979 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(190, 194, 220) }
```

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

```
.border{ border-color:rgb(190, 194, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 194, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 194, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 194, 220);  
box-shadow:4px 4px 4px 4px rgb(190, 194,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6980, 0.2911, 0.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 194, 220) }
```

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

```
.background{ background-color: rgb(190,  
194, 220) }
```

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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