

Converting Colors

Yxy(54.4986, 0.2800, 0.2946)

Have a look what the booklet for
Yxy(54.4986, 0.2800, 0.2946)
contains.

Yxy(54.4998, 0.2800, 0.2939)	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(54.4998, 0.2800, 0.2939)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4E1
RGB	179, 196, 225
RGB Percent	70%, 77%, 88%
CMY	0.2980, 0.2314, 0.1177
CMYK	0.20, 0.13, 0.00, 0.12
HSL	218°, 43%, 79%
HSV	218°, 20%, 88%
XYZ	51.9222, 54.4998, 79.0145
YIQ	194.2230, -19.4410, 5.4150

Conversions

Conversions Part 2

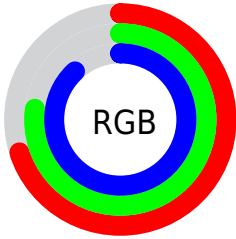
Format	Color
R _Y B	179, 191, 225
Decimal	11781345
CIE Lab	78.75, 0.32, -16.36
CIE LCh	79, 16.364, 271.120
Yxy	54.4998, 0.2800, 0.2939
Android (android.graphics.Color)	4289971425 (0xFFB3C4E1)
YUV	194.2230, 15.1731, -13.3506
Hunter-Lab	73.8240, -3.6485, -11.7819

Details

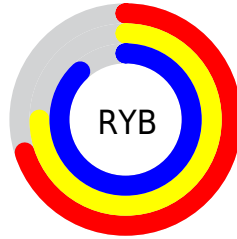
The Yxy color **54.4998, 0.2800, 0.2939** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.3780, 0.3470, 0.3618**, and the grayscale version is **54.0068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1327, 0.3005, 0.3270**, and **26.6839, 0.2715, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **45.9354, 0.2628, 0.2738**, and if you desaturate by 10%, it is **64.1113, 0.2965, 0.3121**.

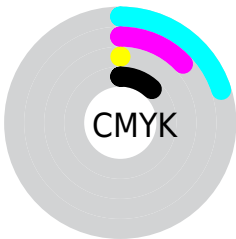
Distribution



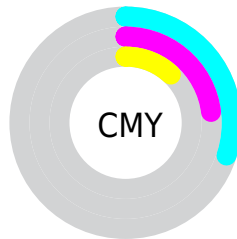
- Red (70%)
- Green (77%)
- Blue (88%)



- Red (70%)
- Yellow (75%)
- Blue (88%)



- Cyan (20%)
- Magenta (13%)
- Yellow (0%)
- Black (12%)



- Cyan (30%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4998, 0.2800, 0.2939 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 54.4998, 0.2800, 0.2939 by changing the saturation by 10% instead.

■ 54.4998, 0.2800,
0.2939

■ 54.4998, 0.2800,
0.2939

404.0130, 0.2958,
0.3109

■ 39.0014, 0.2762,
0.2899

■ 96.8077, 0.2856,
0.2999

■ 26.7608, 0.2715,
0.2848

124.3860, 0.2878,
0.3022

■ 17.3937, 0.2653,
0.2782

156.7597, 0.2896,
0.3042

■ 10.5156, 0.2570,
0.2693

194.3131, 0.2912,
0.3059

■ 5.7421, 0.2453,
0.2568

237.4308, 0.2926,
0.3074

■ 2.6889, 0.2276,
0.2379

286.4971, 0.2938,

■ 0.9716, 0.1981,

0.3087

0.2065

341.8964, 0.2948,
0.3098

0.0000, 0.0000,
0.0000

54.4998, 0.2800,
0.2939

54.4998, 0.2800,
0.2939

45.9354, 0.2628,
0.2738

64.1113, 0.2965,
0.3121

38.3736, 0.2451,
0.2518

74.7990, 0.3121,
0.3283

31.7760, 0.2276,
0.2284

86.5991, 0.3265,
0.3427

26.0994, 0.2109,
0.2040

96.7890, 0.3306,
0.3560

21.2964, 0.1957,
0.1795

98.2161, 0.3304,
0.3582

■ 17.3145, 0.1827,
0.1558

■ 14.0939, 0.1725,
0.1339

■ 11.6421, 0.1654,
0.1153

Harmonies

Analogous

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



54.4998, 0.2718, 0.3033



54.4998, 0.2800, 0.2939



54.4998, 0.2969, 0.2937

Triad

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



54.4998, 0.2800, 0.2939



54.4998, 0.3529, 0.3356



54.4998, 0.3058, 0.3581

Complementary

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



54.4998, 0.2800, 0.2939



64.3780, 0.3470, 0.3618

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.



54.4998, 0.3276, 0.3670



54.4998, 0.2800, 0.2939



54.4998, 0.3553, 0.3529

Square

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



54.4998, 0.2800, 0.2939



54.4998, 0.3393, 0.3173



54.4998, 0.3459, 0.3647



54.4998, 0.2864, 0.3406

Rectangle

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



54.4998, 0.2800, 0.2939



54.4998, 0.3111, 0.2985



54.4998, 0.3459, 0.3647



54.4998, 0.3131, 0.3623

Sweetspot

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



54.5020, 0.2800, 0.2939



91.2112, 0.3035, 0.3195



67.9574, 0.2927, 0.3500



19.3251, 0.3024, 0.3184



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.



54.5020, 0.2800, 0.2939



66.8294, 0.2719, 0.2846



47.9182, 0.2827, 0.2733



14.0686, 0.2981, 0.3138



6.9139, 0.1662, 0.1182



0.6465, 0.1748, 0.1492

Inverse Universe

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



52.2379, 0.3387, 0.3097



63.5269, 0.3464, 0.3050



72.2627, 0.3394, 0.3805



13.7839, 0.3234, 0.3204



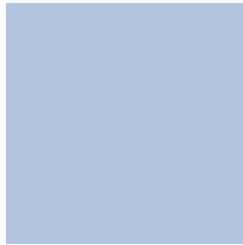
9.6060, 0.5492, 0.2799



0.6827, 0.5070, 0.2567

Previews

White Background



This preview shows how the Yxy color 54.4998, 0.2800, 0.2939 looks on a white background.

Color Contrast Check

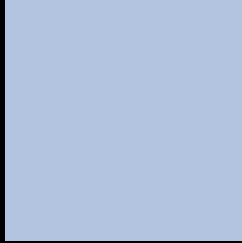
Large Text (above 18pt) WCAG AA × Fail

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 54.4998, 0.2800, 0.2939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

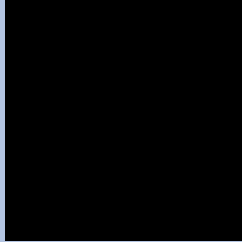
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

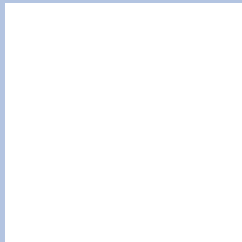
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4998, 0.2800, 0.2939

Background



This preview shows how black text looks on a background with the Yxy color 54.4998, 0.2800, 0.2939.



This preview shows how white text looks on a background with the Yxy color 54.4998, 0.2800, 0.2939.

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

54.4998, 0.2800, 0.2939

Protanopia

54.4148, 0.2890, 0.2933

Deuteranopia

54.3237, 0.2929, 0.2870



Tritanopia

54.5903, 0.2858, 0.3092

Trichromacy



Original Color

54.4998, 0.2800, 0.2939

Protanomaly

54.4045, 0.2855, 0.2931

Deuteranomaly

54.2666, 0.2877, 0.2888

Tritanomaly

54.4594, 0.2839, 0.3032

Monochromacy



Original Color

54.4998, 0.2800, 0.2939

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.2568, 0.3008, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4998, 0.2800, 0.2939 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(179, 196, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 225)  
}
```

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(179, 196, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 225) }
```

Border

The CSS property to change the border of an element to Yxy 54.4998, 0.2800, 0.2939 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(179, 196, 225) }
```

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

```
.border{ border-color:rgb(179, 196, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 225);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4998, 0.2800, 0.2939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 225) }
```

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

```
.background{ background-color: rgb(179,  
196, 225) }
```

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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