

Converting Colors

$Yxy(55.4104, 0.2796, 0.2904)$

Have a look what the booklet for
Yxy(55.4104, 0.2796, 0.2904)
contains.

Yxy(55.5347, 0.2796, 0.2908)	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(55.5347, 0.2796, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	B6C5E5
RGB	182, 197, 229
RGB Percent	71%, 77%, 90%
CMY	0.2864, 0.2274, 0.1019
CMYK	0.21, 0.14, 0.00, 0.10
HSL	221°, 48%, 81%
HSV	221°, 21%, 90%
XYZ	53.3958, 55.5347, 82.0416
YIQ	196.1630, -19.2120, 6.7720

Conversions

Conversions Part 2

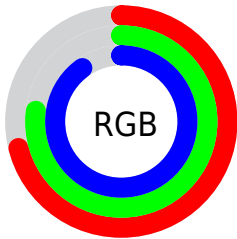
Format	Color
R _Y B	182, 193, 229
Decimal	11978213
CIE Lab	79.35, 1.58, -17.60
CIE LCh	79, 17.670, 275.135
Yxy	55.5347, 0.2796, 0.2908
Android (android.graphics.Color)	4290168293 (0xFFB6C5E5)
YUV	196.1630, 16.1886, -12.4210
Hunter-Lab	74.5216, -2.5150, -13.1079

Details

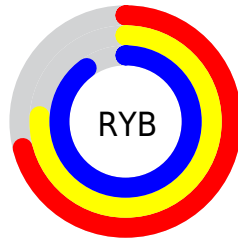
The Yxy color **55.5347, 0.2796, 0.2908** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.1136, 0.3467, 0.3645**, and the grayscale version is **55.2131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2808, 0.3023, 0.3280**, and **27.2512, 0.2710, 0.2811** is the 20% darker color. If you saturate the color by 10%, you get **46.2600, 0.2620, 0.2689**, and if you desaturate by 10%, it is **66.0009, 0.2963, 0.3105**.

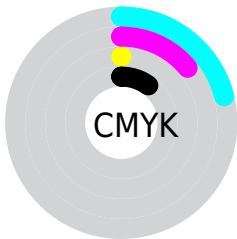
Distribution



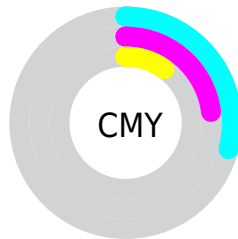
- Red (71%)
- Green (77%)
- Blue (90%)



- Red (71%)
- Yellow (76%)
- Blue (90%)



- Cyan (21%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5347, 0.2796, 0.2908 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 55.5347, 0.2796, 0.2908 by changing the saturation by 10% instead.

■ 55.5347, 0.2796,
0.2908

■ 55.5347, 0.2796,
0.2908

407.9356, 0.2956,
0.3091

■ 39.8300, 0.2758,
0.2865

■ 98.3239, 0.2853,
0.2973

■ 27.4060, 0.2710,
0.2810

126.1772, 0.2874,
0.2998

■ 17.8784, 0.2649,
0.2740

158.8489, 0.2893,
0.3019

■ 10.8627, 0.2566,
0.2646

196.7232, 0.2909,
0.3037

■ 5.9746, 0.2449,
0.2515

240.1847, 0.2923,
0.3053

■ 2.8296, 0.2274,
0.2320

289.6176, 0.2935,

■ 1.0434, 0.1986,

0.3067

0.2001

345.4065, 0.2946,
0.3080

0.0000, 0.0000,
0.0000

55.5347, 0.2796,
0.2908

55.5347, 0.2796,
0.2908

46.2600, 0.2620,
0.2689

66.0009, 0.2963,
0.3105

38.1259, 0.2439,
0.2451

77.6937, 0.3119,
0.3281

31.0875, 0.2257,
0.2197

90.6550, 0.3263,
0.3436

25.0939, 0.2084,
0.1935

98.4378, 0.3280,
0.3542

20.0900, 0.1925,
0.1674

■ 16.0147, 0.1791,
0.1426

■ 12.7982, 0.1687,
0.1203

■ 10.4533, 0.1617,
0.1022

Harmonies

Analogous

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



55.5347, 0.2695, 0.2995



55.5347, 0.2796, 0.2908



55.5347, 0.2986, 0.2920

Triad

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



55.5347, 0.2796, 0.2908



55.5347, 0.3570, 0.3386



55.5347, 0.3022, 0.3583

Complementary

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



55.5347, 0.2796, 0.2908



68.1136, 0.3467, 0.3645

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.



55.5347, 0.3256, 0.3693



55.5347, 0.2796, 0.2908



55.5347, 0.3578, 0.3567

Square

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



55.5347, 0.2796, 0.2908



55.5347, 0.3438, 0.3189



55.5347, 0.3461, 0.3684



55.5347, 0.2822, 0.3385

Rectangle

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



55.5347, 0.2796, 0.2908



55.5347, 0.3142, 0.2979



55.5347, 0.3461, 0.3684



55.5347, 0.3099, 0.3632

Sweetspot

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



55.5370, 0.2796, 0.2908



90.7513, 0.3035, 0.3187



70.8075, 0.2912, 0.3473



19.2165, 0.3025, 0.3176



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.



55.5370, 0.2796, 0.2908



65.2336, 0.2716, 0.2810



50.0236, 0.2842, 0.2732



14.6357, 0.2981, 0.3126



6.1685, 0.1625, 0.1049



0.6188, 0.1706, 0.1341

Inverse Universe

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



54.1349, 0.3409, 0.3122



63.3658, 0.3490, 0.3082



74.8205, 0.3379, 0.3811



14.4436, 0.3242, 0.3215



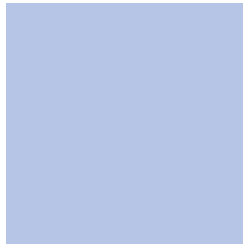
9.8204, 0.5685, 0.2905



0.7421, 0.5271, 0.2677

Previews

White Background



This preview shows how the Yxy color 55.5347, 0.2796, 0.2908 looks on a white background.

Color Contrast Check

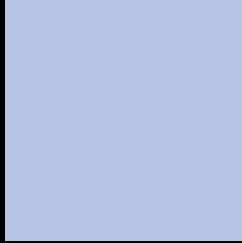
Large Text (above 18pt) WCAG AA × Fail

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 55.5347, 0.2796, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

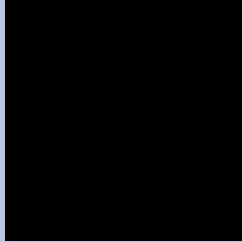
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

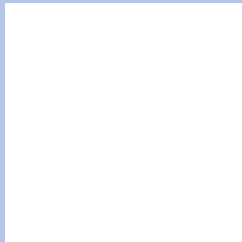
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5347, 0.2796, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 55.5347, 0.2796, 0.2908.



This preview shows how white text looks on a background with the Yxy color 55.5347, 0.2796, 0.2908.

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

55.5347, 0.2796, 0.2908

Protanopia

55.5234, 0.2865, 0.2912

Deuteranopia

55.5546, 0.2909, 0.2851



Tritanopia

55.3369, 0.2867, 0.3093

Trichromacy



Original Color

55.5347, 0.2796, 0.2908

Protanomaly

55.6461, 0.2837, 0.2911

Deuteranomaly

55.6342, 0.2866, 0.2870

Tritanomaly

55.2588, 0.2841, 0.3022

Monochromacy



Original Color

55.5347, 0.2796, 0.2908

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.1103, 0.3002, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5347, 0.2796, 0.2908 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(182, 197, 229)` looks like.

```
.text, #text, p{  
    color:rgb(182, 197, 229)  
}
```

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(182, 197, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 197, 229) }
```

Border

The CSS property to change the border of an element to Yxy 55.5347, 0.2796, 0.2908 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(182, 197, 229) }
```

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

```
.border{ border-color:rgb(182, 197, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 197, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 197, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 197, 229);  
box-shadow:4px 4px 4px 4px rgb(182, 197,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5347, 0.2796, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 197, 229) }
```

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

```
.background{ background-color: rgb(182,  
197, 229) }
```

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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