

Converting Colors

Yxy(54.9741, 0.2837, 0.3066)

Have a look what the booklet for
Yxy(54.9741, 0.2837, 0.3066)
contains.

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Color

Yxy(55.2037, 0.2839, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	B1C7D9
RGB	177, 199, 217
RGB Percent	69%, 78%, 85%
CMY	0.3062, 0.2195, 0.1490
CMYK	0.18, 0.08, 0.00, 0.15
HSL	207°, 35%, 77%
HSV	207°, 18%, 85%
XYZ	51.0666, 55.2037, 73.6049
YIQ	194.4740, -18.8900, 0.9340

Conversions

Conversions Part 2

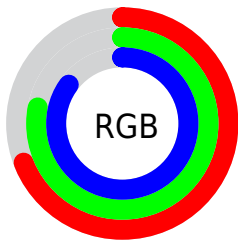
Format	Color
RYB	177, 191, 217
Decimal	11651033
CIELab	79.16, -3.69, -11.46
CIELCh	79, 12.040, 252.160
Yxy	55.2037, 0.2839, 0.3069
Android (android.graphics.Color)	4289841113 (0xFFB1C7D9)
YUV	194.4740, 11.1053, -15.3247
Hunter-Lab	74.2992, -7.3388, -6.7266

Details

The Yxy color **55.2037, 0.2839, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9092, 0.3448, 0.3501**, and the grayscale version is **54.1800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0636, 0.2993, 0.3290**, and **27.1445, 0.2767, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **48.5207, 0.2679, 0.2931**, and if you desaturate by 10%, it is **62.5829, 0.2997, 0.3194**.

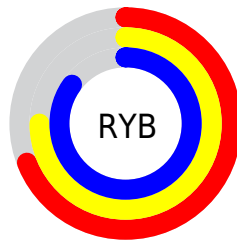
Distribution



Red (69%)

Green (78%)

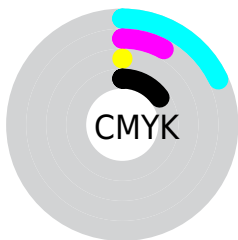
Blue (85%)



Red (69%)

Yellow (75%)

Blue (85%)

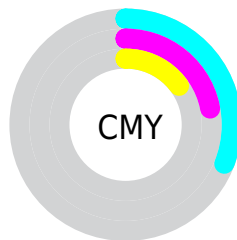


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (15%)



Cyan (31%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.2037, 0.2839, 0.3069 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 55.2037, 0.2839, 0.3069 by changing the saturation by 10% instead.

■ 55.2037, 0.2839,
0.3069

■ 55.2037, 0.2839,
0.3069

406.6836, 0.2978,
0.3177

■ 39.5648, 0.2806,
0.3043

■ 97.8393, 0.2888,
0.3108

■ 27.1994, 0.2764,
0.3010

125.6049, 0.2907,
0.3122

■ 17.7230, 0.2710,
0.2967

158.1815, 0.2923,
0.3135

■ 10.7513, 0.2637,
0.2908

195.9535, 0.2937,
0.3146

■ 5.8999, 0.2534,
0.2824

239.3053, 0.2949,
0.3155

■ 2.7843, 0.2377,
0.2693

288.6214, 0.2960,

■ 1.0202, 0.2112,

0.3163

0.2465

344.2860, 0.2969,
0.3170

0.0000, 0.0000,
0.0000

55.2037, 0.2839,
0.3069

55.2037, 0.2839,
0.3069

48.5207, 0.2679,
0.2931

62.5829, 0.2997,
0.3194

42.5027, 0.2520,
0.2781

70.6745, 0.3150,
0.3306

37.1257, 0.2366,
0.2620

79.5025, 0.3297,
0.3406

32.3617, 0.2222,
0.2451

87.3945, 0.3376,
0.3499

28.1797, 0.2092,
0.2276

93.2154, 0.3362,
0.3592

■ 24.5453, 0.1981,
0.2100

■ 97.7895, 0.3352,
0.3661

■ 21.4185, 0.1892,
0.1928

■ 18.7426, 0.1825,
0.1762

■ 18.3597, 0.1816,
0.1736

Harmonies

Analogous

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



55.2037, 0.2827, 0.3177



55.2037, 0.2839, 0.3069



55.2037, 0.2926, 0.3022

Triad

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



55.2037, 0.2839, 0.3069



55.2037, 0.3366, 0.3253



55.2037, 0.3180, 0.3551

Complementary

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



55.2037, 0.2839, 0.3069



56.9092, 0.3448, 0.3501

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.



55.2037, 0.3327, 0.3567



55.2037, 0.2839, 0.3069



55.2037, 0.3437, 0.3390

Square

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



55.2037, 0.2839, 0.3069



55.2037, 0.3230, 0.3129



55.2037, 0.3423, 0.3506



55.2037, 0.3021, 0.3460

Rectangle

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



55.2037, 0.2839, 0.3069



55.2037, 0.3017, 0.3030



55.2037, 0.3423, 0.3506



55.2037, 0.3232, 0.3565

Sweetspot

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



55.2060, 0.2839, 0.3069



92.9117, 0.3034, 0.3222



62.8701, 0.2992, 0.3569



19.7267, 0.3024, 0.3215



0.0000, 0.0000, 0.0000



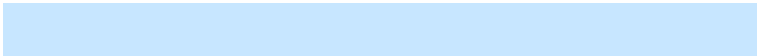
21.4041, 0.3127, 0.3290

Same Dimension

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



55.2060, 0.2839, 0.3069



75.8501, 0.2779, 0.3019



46.8306, 0.2825, 0.2822



13.8016, 0.2982, 0.3183



11.3286, 0.1822, 0.1760



0.9051, 0.1898, 0.2032

Inverse Universe

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



50.2926, 0.3295, 0.3033



67.7647, 0.3336, 0.2979



66.1796, 0.3409, 0.3718



13.1711, 0.3206, 0.3162



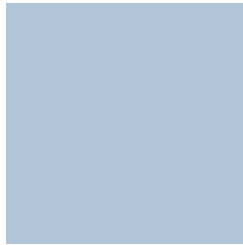
9.7674, 0.4733, 0.2381



0.6501, 0.4417, 0.2207

Previews

White Background



This preview shows how the Yxy color 55.2037, 0.2839, 0.3069 looks on a white background.

Color Contrast Check

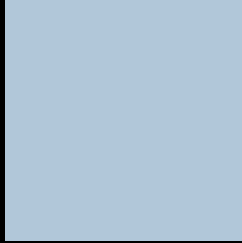
Large Text (above 18pt) WCAG AA × Fail

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 55.2037, 0.2839, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

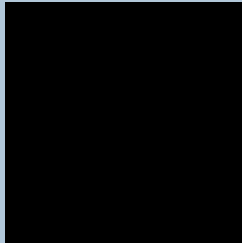
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

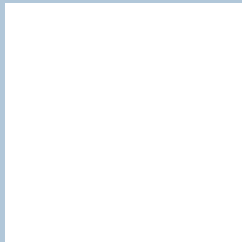
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2037, 0.2839, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 55.2037, 0.2839, 0.3069.



This preview shows how white text looks on a background with the Yxy color 55.2037, 0.2839, 0.3069.

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

55.2037, 0.2839, 0.3069

Protanopia

54.9079, 0.2983, 0.3051

Deuteranopia

55.2134, 0.3024, 0.2965



Tritanopia

55.1003, 0.2852, 0.3093

Trichromacy



Original Color

55.2037, 0.2839, 0.3069

Protanomaly

55.0775, 0.2931, 0.3060

Deuteranomaly

55.1149, 0.2955, 0.3005

Tritanomaly

55.1518, 0.2846, 0.3081

Monochromacy



Original Color

55.2037, 0.2839, 0.3069

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4355, 0.3021, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2037, 0.2839, 0.3069 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(177, 199, 217)` looks like.

```
.text, #text, p{  
    color:rgb(177, 199, 217)  
}
```

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(177, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 199, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.2037, 0.2839, 0.3069 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(177, 199, 217) }
```

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

```
.border{ border-color:rgb(177, 199, 217) }
```

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

Here you see how a box with a 4 pixel rgb(177, 199, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 199, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 199, 217);  
box-shadow:4px 4px 4px 4px rgb(177, 199,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2037, 0.2839, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 199, 217) }
```

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

```
.background{ background-color: rgb(177,  
199, 217) }
```

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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