

Converting Colors

$Yxy(52.7927, 0.2947, 0.3070)$

Have a look what the booklet for
Yxy(52.7927, 0.2947, 0.3070)
contains.

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Color

Yxy(52.7915, 0.2949, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	BAC0D2
RGB	186, 192, 210
RGB Percent	73%, 75%, 82%
CMY	0.2707, 0.2470, 0.1764
CMYK	0.11, 0.09, 0.00, 0.18
HSL	225°, 21%, 78%
HSV	225°, 11%, 82%
XYZ	50.7273, 52.7915, 68.4965
YIQ	192.2580, -9.3540, 4.3260

Conversions

Conversions Part 2

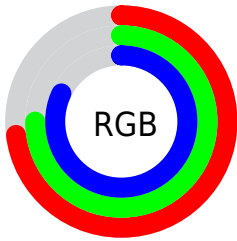
Format	Color
R _Y B	186, 191, 210
Decimal	12239058
CIE Lab	77.75, 1.47, -9.73
CIE LCh	78, 9.839, 278.608
Yxy	52.7915, 0.2949, 0.3069
Android (android.graphics.Color)	4290429138 (0xFFBAC0D2)
YUV	192.2580, 8.7468, -5.4883
Hunter-Lab	72.6578, -2.5281, -5.0339

Details

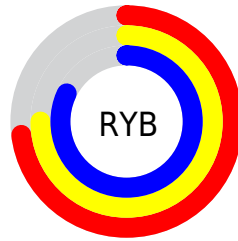
The Yxy color **52.7915, 0.2949, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4182, 0.3305, 0.3502**, and the grayscale version is **52.8217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2320, 0.3049, 0.3221**, and **25.8521, 0.2900, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **43.8143, 0.2779, 0.2850**, and if you desaturate by 10%, it is **62.8973, 0.3106, 0.3264**.

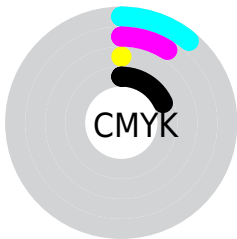
Distribution



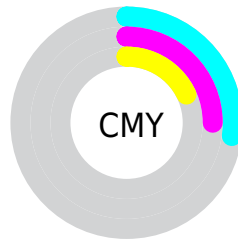
- Red (73%)
- Green (75%)
- Blue (82%)



- Red (73%)
- Yellow (75%)
- Blue (82%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7915, 0.2949, 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 52.7915, 0.2949, 0.3069 by changing the saturation by 10% instead.

■ 52.7915, 0.2949,
0.3069

■ 52.7915, 0.2949,
0.3069

■ 397.4847, 0.3036,
0.3177

■ 37.6364, 0.2928,
0.3043

■ 94.2975, 0.2980,
0.3107

■ 25.7006, 0.2901,
0.3010

■ 121.4171, 0.2992,
0.3122

■ 16.5998, 0.2866,
0.2967

■ 153.2937, 0.3002,
0.3135

■ 9.9496, 0.2818,
0.2909

■ 190.3116, 0.3011,
0.3145

■ 5.3655, 0.2749,
0.2825

■ 232.8553, 0.3018,
0.3155

■ 2.4633, 0.2640,
0.2695

■ 281.3091, 0.3025,

■ 0.8582, 0.2446,

0.3163

0.2465

336.0574, 0.3031,
0.3170

0.0000, 0.0000,
0.0000

52.7915, 0.2949,
0.3069

52.7915, 0.2949,
0.3069

43.8143, 0.2779,
0.2850

62.8973, 0.3106,
0.3264

35.9191, 0.2599,
0.2608

74.1628, 0.3248,
0.3435

29.0659, 0.2412,
0.2344

86.6263, 0.3377,
0.3585

23.2096, 0.2223,
0.2066

97.3707, 0.3394,
0.3730

18.3015, 0.2043,
0.1782

97.4338, 0.3394,
0.3730

■ 14.2887, 0.1879,
0.1505

■ 11.1125, 0.1742,
0.1250

■ 8.7060, 0.1639,
0.1030

■ 7.1810, 0.1577,
0.0878

Harmonies

Analogous

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



52.7915, 0.2883, 0.3115



52.7915, 0.2949, 0.3069



52.7915, 0.3063, 0.3081

Triad

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



52.7915, 0.2949, 0.3069



52.7915, 0.3381, 0.3361



52.7915, 0.3054, 0.3442

Complementary

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



52.7915, 0.2949, 0.3069



60.4182, 0.3305, 0.3502

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.



52.7915, 0.3187, 0.3511



52.7915, 0.2949, 0.3069



52.7915, 0.3377, 0.3460

Square

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



52.7915, 0.2949, 0.3069



52.7915, 0.3314, 0.3247



52.7915, 0.3306, 0.3516



52.7915, 0.2943, 0.3331

Rectangle

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



52.7915, 0.2949, 0.3069



52.7915, 0.3153, 0.3118



52.7915, 0.3306, 0.3516



52.7915, 0.3098, 0.3471

Sweetspot

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



52.7937, 0.2949, 0.3069



94.9781, 0.3082, 0.3235



60.8752, 0.2995, 0.3367



20.0479, 0.3069, 0.3219



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.



52.7937, 0.2949, 0.3069



77.9643, 0.2904, 0.3012



50.9099, 0.2992, 0.2997



11.8937, 0.2982, 0.3111



4.5161, 0.1584, 0.0901



0.3813, 0.1685, 0.1264

Inverse Universe

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



52.6144, 0.3282, 0.3219



77.6964, 0.3324, 0.3201



62.5377, 0.3253, 0.3574



11.8563, 0.3252, 0.3232



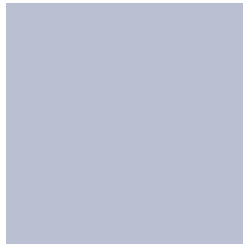
8.5272, 0.5909, 0.3029



0.4898, 0.5376, 0.2735

Previews

White Background



This preview shows how the Yxy color 52.7915, 0.2949, 0.3069 looks on a white background.

Color Contrast Check

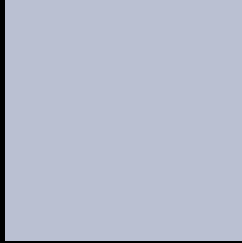
Large Text (above 18pt) WCAG AA × Fail

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 52.7915, 0.2949, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

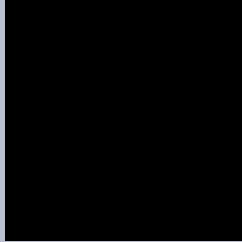
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

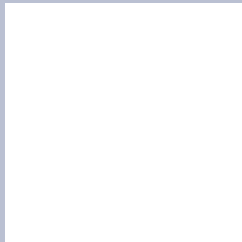
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7915, 0.2949, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 52.7915, 0.2949, 0.3069.

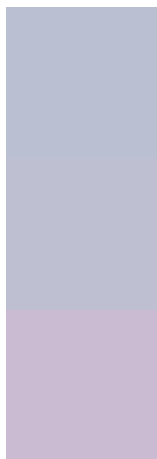


This preview shows how white text looks on a background with the Yxy color 52.7915, 0.2949, 0.3069.

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

52.7915, 0.2949, 0.3069

Protanopia

52.8122, 0.2987, 0.3071

Deuteranopia

52.8004, 0.3068, 0.3006



Tritanopia

52.6924, 0.2963, 0.3093

Trichromacy



Original Color

52.7915, 0.2949, 0.3069

Protanomaly

52.6839, 0.2979, 0.3070

Deuteranomaly

52.8341, 0.3019, 0.3026

Tritanomaly

52.7418, 0.2956, 0.3081

Monochromacy



Original Color

52.7915, 0.2949, 0.3069

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7699, 0.3059, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7915, 0.2949, 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(186, 192, 210)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 210)  
}
```

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(186, 192, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 210) }
```

Border

The CSS property to change the border of an element to Yxy 52.7915, 0.2949, 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(186, 192, 210) }
```

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

```
.border{ border-color:rgb(186, 192, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 192, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 210);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7915, 0.2949, 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(186, 192, 210) }
```

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

```
.background{ background-color: rgb(186,  
192, 210) }
```

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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