

Converting Colors

$Yxy(55.0989, 0.2944, 0.3046)$

Have a look what the booklet for
Yxy(55.0989, 0.2944, 0.3046)
contains.

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Color

Yxy(54.9352, 0.2939, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	BEC3D8
RGB	190, 195, 216
RGB Percent	75%, 76%, 85%
CMY	0.2548, 0.2353, 0.1531
CMYK	0.12, 0.10, 0.00, 0.15
HSL	228°, 25%, 80%
HSV	228°, 12%, 85%
XYZ	53.1450, 54.9352, 72.7466
YIQ	195.8990, -9.7210, 5.4710

Conversions

Conversions Part 2

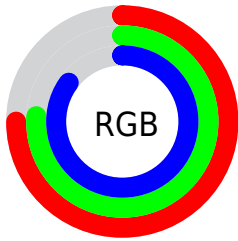
Format	Color
R _Y B	190, 194, 216
Decimal	12501976
CIE Lab	79.00, 2.42, -11.04
CIE LCh	79, 11.305, 282.355
Yxy	54.9352, 0.2939, 0.3038
Android (android.graphics.Color)	4290692056 (0xFFBEC3D8)
YUV	195.8990, 9.9098, -5.1734
Hunter-Lab	74.1183, -1.7172, -6.3100

Details

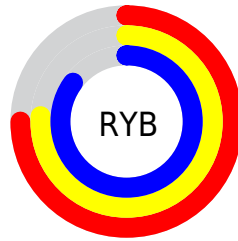
The Yxy color **54.9352, 0.2939, 0.3038** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8947, 0.3313, 0.3530**, and the grayscale version is **55.0841, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4336, 0.3073, 0.3261**, and **26.9413, 0.2895, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **44.9908, 0.2766, 0.2799**, and if you desaturate by 10%, it is **66.2101, 0.3097, 0.3250**.

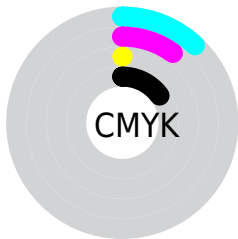
Distribution



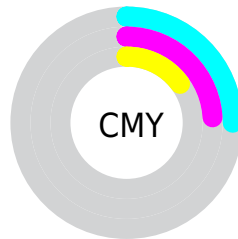
- Red (75%)
- Green (76%)
- Blue (85%)



- Red (75%)
- Yellow (76%)
- Blue (85%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9352, 0.2939, 0.3038 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 54.9352, 0.2939, 0.3038 by changing the saturation by 10% instead.

■ 54.9352, 0.2939,
0.3038

■ 54.9352, 0.2939,
0.3038

405.6662, 0.3030,
0.3160

■ 39.3498, 0.2917,
0.3009

■ 97.4460, 0.2972,
0.3081

■ 27.0320, 0.2889,
0.2972

125.1402, 0.2984,
0.3098

■ 17.5973, 0.2853,
0.2925

157.6396, 0.2995,
0.3112

■ 10.6612, 0.2804,
0.2861

195.3284, 0.3004,
0.3124

■ 5.8395, 0.2733,
0.2770

238.5910, 0.3012,
0.3135

■ 2.7477, 0.2624,
0.2632

287.8120, 0.3019,

■ 1.0015, 0.2434,

0.3144

0.2396

343.3756, 0.3025,
0.3152

0.0000, 0.0000,
0.0000

54.9352, 0.2939,
0.3038

54.9352, 0.2939,
0.3038

44.9908, 0.2766,
0.2799

66.2101, 0.3097,
0.3250

36.3207, 0.2581,
0.2534

78.8553, 0.3240,
0.3437

28.8745, 0.2387,
0.2248

92.9177, 0.3367,
0.3599

22.5962, 0.2191,
0.1948

97.7363, 0.3358,
0.3671

17.4249, 0.2004,
0.1647

■ 13.2943, 0.1836,
0.1359

■ 10.1304, 0.1699,
0.1103

■ 7.8486, 0.1600,
0.0896

■ 6.5749, 0.1548,
0.0771

Harmonies

Analogous

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



54.9352, 0.2856, 0.3082



54.9352, 0.2939, 0.3038



54.9352, 0.3073, 0.3059

Triad

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



54.9352, 0.2939, 0.3038



54.9352, 0.3419, 0.3386



54.9352, 0.3026, 0.3449

Complementary

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



54.9352, 0.2939, 0.3038



64.8947, 0.3313, 0.3530

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.



54.9352, 0.3176, 0.3535



54.9352, 0.2939, 0.3038



54.9352, 0.3405, 0.3494

Square

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



54.9352, 0.2939, 0.3038



54.9352, 0.3352, 0.3257



54.9352, 0.3315, 0.3550



54.9352, 0.2906, 0.3318

Rectangle

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



54.9352, 0.2939, 0.3038



54.9352, 0.3175, 0.3107



54.9352, 0.3315, 0.3550



54.9352, 0.3075, 0.3484

Sweetspot

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



54.9375, 0.2939, 0.3038



92.9705, 0.3066, 0.3210



64.7379, 0.2977, 0.3351



19.6243, 0.3055, 0.3194



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.



54.9375, 0.2939, 0.3038



76.8038, 0.2904, 0.2990



53.7711, 0.2998, 0.2982



12.3908, 0.2982, 0.3096



4.0116, 0.1553, 0.0791



0.3577, 0.1639, 0.1100

Inverse Universe

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



55.3701, 0.3303, 0.3233



77.5792, 0.3339, 0.3222



66.2513, 0.3247, 0.3591



12.4594, 0.3261, 0.3245



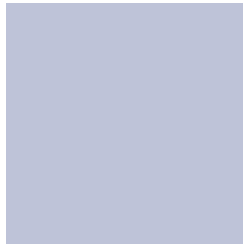
8.7498, 0.6084, 0.3125



0.5394, 0.5610, 0.2864

Previews

White Background



This preview shows how the Yxy color 54.9352, 0.2939, 0.3038 looks on a white background.

Color Contrast Check

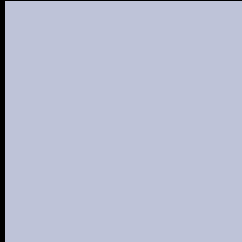
Large Text (above 18pt) WCAG AA × Fail

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 54.9352, 0.2939, 0.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

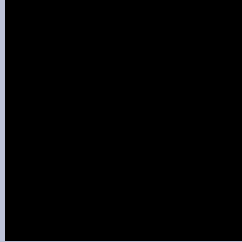
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9352, 0.2939, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 54.9352, 0.2939, 0.3038.

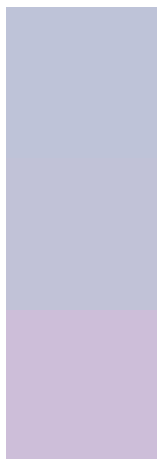


This preview shows how white text looks on a background with the Yxy color 54.9352, 0.2939, 0.3038.

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

54.9352, 0.2939, 0.3038

Protanopia

54.8273, 0.2968, 0.3039

Deuteranopia

54.8158, 0.3046, 0.2976



Tritanopia

55.0018, 0.2966, 0.3108

Trichromacy



Original Color

54.9352, 0.2939, 0.3038

Protanomaly

54.6963, 0.2960, 0.3038

Deuteranomaly

54.9884, 0.3007, 0.2996

Tritanomaly

55.1028, 0.2952, 0.3084

Monochromacy



Original Color

54.9352, 0.2939, 0.3038

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2610, 0.3061, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9352, 0.2939, 0.3038 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, 195, 216)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 216)  
}
```

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, 195, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.9352, 0.2939, 0.3038 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, 195, 216) }
```

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

```
.border{ border-color:rgb(190, 195, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 216);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9352, 0.2939, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 216) }
```

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

```
.background{ background-color: rgb(190,  
195, 216) }
```

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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