

Converting Colors

$Yxy(53.9365, 0.2968, 0.2988)$

Have a look what the booklet for
Yxy(53.9365, 0.2968, 0.2988)
contains.

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Color

Yxy(53.8735, 0.2969, 0.2981)

Conversions

Conversions Part 1

Format	Color
Hex	C3BFD9
RGB	195, 191, 217
RGB Percent	76%, 75%, 85%
CMY	0.2353, 0.2509, 0.1491
CMYK	0.10, 0.12, 0.00, 0.15
HSL	249°, 25%, 80%
HSV	249°, 12%, 85%
XYZ	53.6566, 53.8735, 73.1928
YIQ	195.1600, -5.9620, 8.9340

Conversions

Conversions Part 2

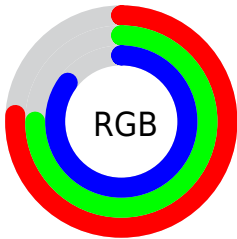
Format	Color
R _Y B	195, 191, 217
Decimal	12828633
CIE Lab	78.39, 6.39, -12.46
CIE LCh	78, 14.005, 297.154
Yxy	53.8735, 0.2969, 0.2981
Android (android.graphics.Color)	4291018713 (0xFFC3BFD9)
YUV	195.1600, 10.7671, -0.1403
Hunter-Lab	73.3986, 2.0415, -7.7448

Details

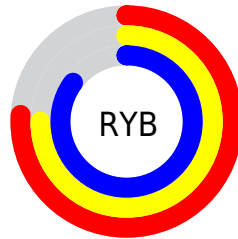
The Yxy color **53.8735, 0.2969, 0.2981** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.5135, 0.3275, 0.3587**, and the grayscale version is **54.6111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4370, 0.3112, 0.3213**, and **26.4483, 0.2925, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **42.8050, 0.2816, 0.2690**, and if you desaturate by 10%, it is **66.6492, 0.3103, 0.3242**.

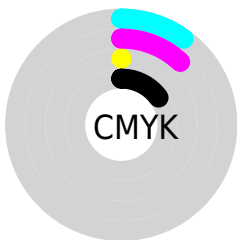
Distribution



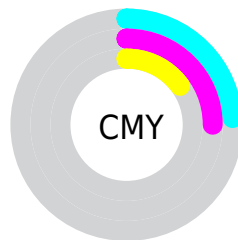
- Red (76%)
- Green (75%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8735, 0.2969, 0.2981 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 53.8735, 0.2969, 0.2981 by changing the saturation by 10% instead.

■ 53.8735, 0.2969,
0.2981

■ 53.8735, 0.2969,
0.2981

401.6274, 0.3047,
0.3129

■ 38.5005, 0.2950,
0.2946

■ 95.8885, 0.2997,
0.3034

■ 26.3714, 0.2926,
0.2901

123.2993, 0.3007,
0.3054

■ 17.1017, 0.2894,
0.2844

155.4915, 0.3016,
0.3071

■ 10.3070, 0.2851,
0.2767

192.8495, 0.3024,
0.3086

■ 5.6030, 0.2789,
0.2659

235.7577, 0.3031,
0.3099

■ 2.6052, 0.2691,
0.2495

284.6005, 0.3037,

■ 0.9293, 0.2518,

0.3110

0.2219

339.7623, 0.3042,
0.3120

0.0000, 0.0000,
0.0000

53.8735, 0.2969,
0.2981

53.8735, 0.2969,
0.2981

42.8050, 0.2816,
0.2690

66.6492, 0.3103,
0.3242

33.3645, 0.2645,
0.2372

81.1931, 0.3219,
0.3473

25.4769, 0.2458,
0.2035

96.8680, 0.3320,
0.3665

19.0582, 0.2263,
0.1694

97.7880, 0.3352,
0.3661

14.0168, 0.2069,
0.1369

■ 10.2503, 0.1889,
0.1081

■ 7.6421, 0.1736,
0.0854

■ 6.0533, 0.1621,
0.0703

■ 5.3370, 0.1558,
0.0632

Harmonies

Analogous

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



53.8735, 0.2831, 0.2994



53.8735, 0.2969, 0.2981



53.8735, 0.3153, 0.3045

Triad

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



53.8735, 0.2969, 0.2981



53.8735, 0.3496, 0.3479



53.8735, 0.2920, 0.3412

Complementary

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



53.8735, 0.2969, 0.2981



67.5135, 0.3275, 0.3587

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.



53.8735, 0.3093, 0.3554



53.8735, 0.2969, 0.2981



53.8735, 0.3428, 0.3588

Square

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



53.8735, 0.2969, 0.2981



53.8735, 0.3461, 0.3327



53.8735, 0.3280, 0.3618



53.8735, 0.2804, 0.3238

Rectangle

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



53.8735, 0.2969, 0.2981



53.8735, 0.3277, 0.3123



53.8735, 0.3280, 0.3618



53.8735, 0.2973, 0.3466

Sweetspot

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



53.8758, 0.2969, 0.2981



92.0632, 0.3077, 0.3191



63.7110, 0.2944, 0.3244



19.3957, 0.3067, 0.3171



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.



53.8758, 0.2969, 0.2981



74.0129, 0.2938, 0.2920



55.6667, 0.3069, 0.2990



12.7128, 0.3005, 0.3050



3.2608, 0.1566, 0.0637



0.2420, 0.1698, 0.0709

Inverse Universe

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



56.8155, 0.3171, 0.3041



78.9514, 0.3180, 0.2995



65.6630, 0.3179, 0.3595



13.2387, 0.3161, 0.3094



11.0288, 0.3638, 0.1778



0.7240, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 53.8735, 0.2969, 0.2981 looks on a white background.

Color Contrast Check

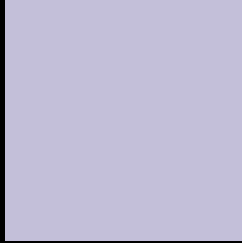
Large Text (above 18pt) WCAG AA × Fail

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 53.8735, 0.2969, 0.2981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

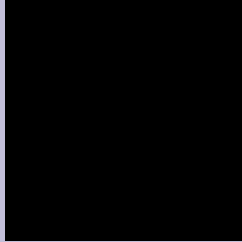
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8735, 0.2969, 0.2981

Background



This preview shows how black text looks on a background with the Yxy color 53.8735, 0.2969, 0.2981.



This preview shows how white text looks on a background with the Yxy color 53.8735, 0.2969, 0.2981.

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

53.8735, 0.2969, 0.2981

Protanopia

53.7084, 0.2924, 0.2978

Deuteranopia

53.9615, 0.3023, 0.2962



Tritanopia

54.0315, 0.3017, 0.3109

Trichromacy



Original Color

53.8735, 0.2969, 0.2981

Protanomaly

53.9677, 0.2939, 0.2979

Deuteranomaly

53.9788, 0.3000, 0.2971

Tritanomaly

53.8718, 0.3004, 0.3061

Monochromacy



Original Color

53.8735, 0.2969, 0.2981

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4975, 0.3069, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8735, 0.2969, 0.2981 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(195, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(195, 191, 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(195, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 53.8735, 0.2969, 0.2981 is called "border". The border property can be set on classes, ids or directly on the HTML element.

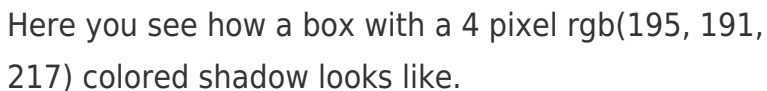
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 191, 217) }
```

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

```
.border{ border-color:rgb(195, 191, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 191, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 191, 217); box-shadow:4px 4px 4px 4px rgb(195, 191, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8735, 0.2969, 0.2981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 191, 217) }
```

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

```
.background{ background-color: rgb(195,  
191, 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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