

Converting Colors

Yxy(57.5954, 0.2951, 0.3100)

Have a look what the booklet for
Yxy(57.5954, 0.2951, 0.3100)
contains.

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Color

Yxy(57.4729, 0.2955, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	C0C8D8
RGB	192, 200, 216
RGB Percent	75%, 78%, 85%
CMY	0.2468, 0.2158, 0.1529
CMYK	0.11, 0.07, 0.00, 0.15
HSL	220°, 23%, 80%
HSV	220°, 11%, 85%
XYZ	54.8023, 57.4729, 73.1810
YIQ	199.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

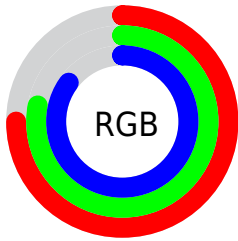
Format	Color
R _Y B	192, 198, 216
Decimal	12634328
CIE Lab	80.44, 0.45, -8.91
CIE LCh	80, 8.917, 272.868
Yxy	57.4729, 0.2955, 0.3099
Android (android.graphics.Color)	4290824408 (0xFFC0C8D8)
YUV	199.4320, 8.1680, -6.5179
Hunter-Lab	75.8109, -3.6346, -4.1656

Details

The Yxy color $57.4729, 0.2955, 0.3099$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.5750, 0.3302, 0.3474$, and the grayscale version is $57.3532, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6965, 0.3084, 0.3290$, and $28.5343, 0.2908, 0.3051$ is the 20% darker color. If you saturate the color by 10%, you get $48.4718, 0.2788, 0.2904$, and if you desaturate by 10%, it is $67.5268, 0.3111, 0.3272$.

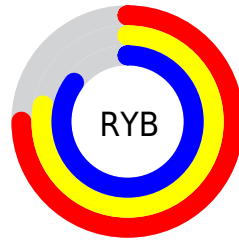
Distribution



Red (75%)

Green (78%)

Blue (85%)



Red (75%)

Yellow (78%)

Blue (85%)

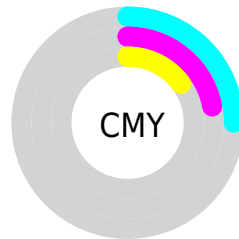


Cyan (11%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.4729, 0.2955, 0.3099 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 57.4729, 0.2955, 0.3099 by changing the saturation by 10% instead.

■ 57.4729, 0.2955,
0.3099

■ 57.4729, 0.2955,
0.3099

415.2190, 0.3038,
0.3191

■ 41.3850, 0.2935,
0.3077

■ 101.1549, 0.2984,
0.3132

■ 28.6201, 0.2910,
0.3050

129.5178, 0.2996,
0.3144

■ 18.7936, 0.2878,
0.3014

162.7412, 0.3005,
0.3155

■ 11.5212, 0.2835,
0.2966

201.2094, 0.3014,
0.3164

■ 6.4186, 0.2773,
0.2898

245.3069, 0.3021,
0.3172

■ 3.1012, 0.2678,
0.2794

295.4181, 0.3027,

■ 1.1848, 0.2517,

0.3179

0.2617

351.9273, 0.3033,
0.3185

0.0492, 0.0737,
0.0629

0.0000, 0.0000,
0.0000

57.4729, 0.2955,
0.3099

57.4729, 0.2955,
0.3099

48.4718, 0.2788,
0.2904

67.5268, 0.3111,
0.3272

40.4807, 0.2613,
0.2689

78.6599, 0.3255,
0.3426

33.4646, 0.2434,
0.2455

90.5487, 0.3374,
0.3561

27.3833, 0.2254,
0.2205

97.7387, 0.3357,
0.3671

■ 22.1938, 0.2083,
0.1948

■ 17.8492, 0.1927,
0.1691

■ 14.2975, 0.1795,
0.1447

■ 11.4795, 0.1693,
0.1225

■ 9.5101, 0.1626,
0.1054

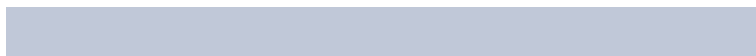
Harmonies

Analogous

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



57.4729, 0.2906, 0.3149



57.4729, 0.2955, 0.3099



57.4729, 0.3050, 0.3099

Triad

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



57.4729, 0.2955, 0.3099



57.4729, 0.3343, 0.3334



57.4729, 0.3085, 0.3439

Complementary

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



57.4729, 0.2955, 0.3099



63.5750, 0.3302, 0.3474

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.



57.4729, 0.3202, 0.3489



57.4729, 0.2955, 0.3099



57.4729, 0.3353, 0.3426

Square

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



57.4729, 0.2955, 0.3099



57.4729, 0.3275, 0.3233



57.4729, 0.3301, 0.3484



57.4729, 0.2981, 0.3346

Rectangle

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



57.4729, 0.2955, 0.3099



57.4729, 0.3127, 0.3127



57.4729, 0.3301, 0.3484



57.4729, 0.3124, 0.3461

Sweetspot

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



57.4753, 0.2955, 0.3099



95.3526, 0.3082, 0.3240



64.8922, 0.3009, 0.3384



20.1487, 0.3069, 0.3227



0.0000, 0.0000, 0.0000



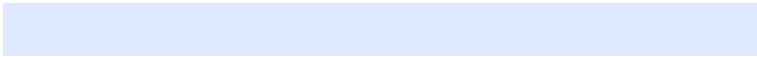
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4753, 0.2955, 0.3099



80.8904, 0.2922, 0.3061



54.4350, 0.2984, 0.3006



12.6721, 0.2982, 0.3129



5.8051, 0.1634, 0.1081



0.4997, 0.1731, 0.1433

Inverse Universe

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



56.5026, 0.3262, 0.3199



79.2947, 0.3290, 0.3182



66.9302, 0.3261, 0.3564



12.4878, 0.3240, 0.3213



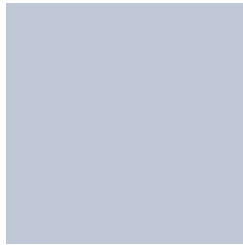
8.9309, 0.5638, 0.2879



0.5538, 0.5147, 0.2609

Previews

White Background



This preview shows how the Yxy color 57.4729, 0.2955, 0.3099 looks on a white background.

Color Contrast Check

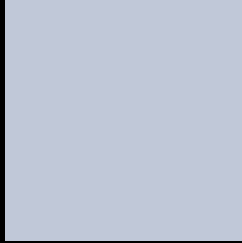
Large Text (above 18pt) WCAG AA × Fail

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 57.4729, 0.2955, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

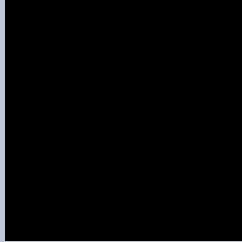
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

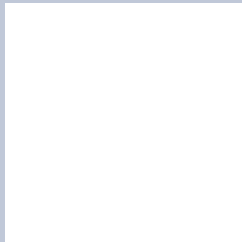
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4729, 0.2955, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 57.4729, 0.2955, 0.3099.

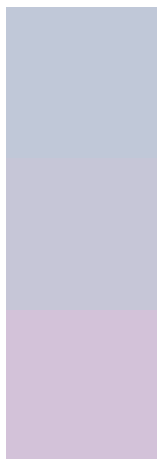


This preview shows how white text looks on a background with the Yxy color 57.4729, 0.2955, 0.3099.

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

57.4729, 0.2955, 0.3099

Protanopia

57.3002, 0.3006, 0.3090

Deuteranopia

57.4422, 0.3092, 0.3027



Tritanopia

57.4729, 0.2955, 0.3099

Trichromacy



Original Color

57.4729, 0.2955, 0.3099

Protanomaly

57.4889, 0.2991, 0.3101

Deuteranomaly

57.3270, 0.3038, 0.3046

Tritanomaly

57.4729, 0.2955, 0.3099

Monochromacy



Original Color

57.4729, 0.2955, 0.3099

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.9904, 0.3061, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4729, 0.2955, 0.3099 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(192, 200, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 200, 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(192, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 200, 216) }
```

Border

The CSS property to change the border of an element to Yxy 57.4729, 0.2955, 0.3099 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(192, 200, 216) }
```

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

```
.border{ border-color:rgb(192, 200, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 200, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 200, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 200, 216); box-shadow:4px 4px 4px 4px rgb(192, 200, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4729, 0.2955, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 200, 216) }
```

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

```
.background{ background-color: rgb(192,  
200, 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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