

Converting Colors

$Yxy(58.3557, 0.2984, 0.3132)$

Have a look what the booklet for
Yxy(58.3557, 0.2984, 0.3132)
contains.

Yxy(58.2817, 0.2984, 0.3124)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.2817, 0.2984, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	C3C9D7
RGB	195, 201, 215
RGB Percent	76%, 79%, 84%
CMY	0.2351, 0.2118, 0.1568
CMYK	0.09, 0.07, 0.00, 0.16
HSL	222°, 20%, 80%
HSV	222°, 9%, 84%
XYZ	55.6698, 58.2817, 72.6096
YIQ	200.8020, -8.0700, 3.0820

Conversions

Conversions Part 2

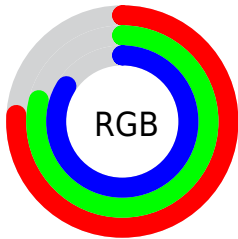
Format	Color
R_{YB}	195, 200, 215
Decimal	12831191
CIE Lab	80.90, 0.69, -7.67
CIE LCh	81, 7.703, 275.136
Yxy	58.2817, 0.2984, 0.3124
Android (android.graphics.Color)	4291021271 (0xFFC3C9D7)
YUV	200.8020, 6.9996, -5.0884
Hunter-Lab	76.3425, -3.4349, -2.9512

Details

The Yxy color **58.2817, 0.2984, 0.3124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0313, 0.3271, 0.3451**, and the grayscale version is **58.2459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **29.0682, 0.2946, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **48.9202, 0.2818, 0.2924**, and if you desaturate by 10%, it is **68.7537, 0.3138, 0.3302**.

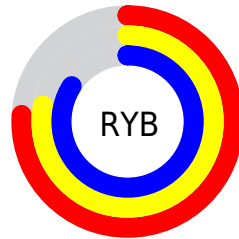
Distribution



Red (76%)

Green (79%)

Blue (84%)



Red (76%)

Yellow (78%)

Blue (84%)

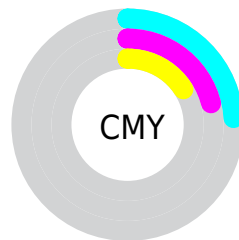


Cyan (9%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2817, 0.2984, 0.3124 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 58.2817, 0.2984, 0.3124 by changing the saturation by 10% instead.

■ 58.2817, 0.2984,
0.3124

■ 58.2817, 0.2984,
0.3124

418.2348, 0.3053,
0.3204

■ 42.0352, 0.2968,
0.3105

■ 102.3330, 0.3008,
0.3152

■ 29.1288, 0.2947,
0.3081

130.9065, 0.3018,
0.3163

■ 19.1783, 0.2920,
0.3050

164.3578, 0.3026,
0.3172

■ 11.7992, 0.2884,
0.3009

203.0713, 0.3033,
0.3180

■ 6.6071, 0.2833,
0.2950

247.4313, 0.3039,
0.3187

■ 3.2176, 0.2755,
0.2861

297.8223, 0.3044,

■ 1.2464, 0.2621,

0.3193

0.2709

354.6287, 0.3049,
0.3199

0.0991, 0.1299,
0.1160

0.0000, 0.0000,
0.0000

58.2817, 0.2984,
0.3124

58.2817, 0.2984,
0.3124

48.9202, 0.2818,
0.2924

68.7537, 0.3138,
0.3302

40.6244, 0.2642,
0.2701

80.3644, 0.3279,
0.3459

33.3571, 0.2460,
0.2458

92.2747, 0.3376,
0.3599

27.0760, 0.2277,
0.2198

97.6867, 0.3363,
0.3681

■ 21.7358, 0.2099,
0.1930

■ 17.2872, 0.1936,
0.1662

■ 13.6759, 0.1796,
0.1408

■ 10.8405, 0.1686,
0.1179

■ 8.6952, 0.1609,
0.0987

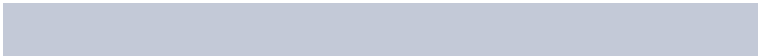
Harmonies

Analogous

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



58.2817, 0.2939, 0.3165



58.2817, 0.2984, 0.3124



58.2817, 0.3068, 0.3127

Triad

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



58.2817, 0.2984, 0.3124



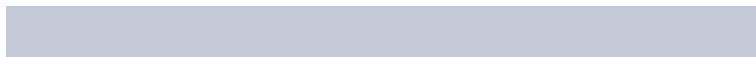
58.2817, 0.3315, 0.3335



58.2817, 0.3083, 0.3413

Complementary

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



58.2817, 0.2984, 0.3124



64.0313, 0.3271, 0.3451

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.



58.2817, 0.3184, 0.3459



58.2817, 0.2984, 0.3124



58.2817, 0.3319, 0.3412

Square

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



58.2817, 0.2984, 0.3124



58.2817, 0.3260, 0.3248



58.2817, 0.3271, 0.3459



58.2817, 0.2995, 0.3332

Rectangle

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



58.2817, 0.2984, 0.3124



58.2817, 0.3135, 0.3153



58.2817, 0.3271, 0.3459



58.2817, 0.3117, 0.3433

Sweetspot

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



58.2842, 0.2984, 0.3124



95.1951, 0.3082, 0.3238



64.8194, 0.3024, 0.3360



20.1063, 0.3069, 0.3224



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.



58.2842, 0.2984, 0.3124



83.1228, 0.2955, 0.3089



56.1126, 0.3014, 0.3055



12.6042, 0.2982, 0.3121



5.2820, 0.1611, 0.1000



0.4618, 0.1708, 0.1349

Inverse Universe

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



57.7217, 0.3243, 0.3222



82.1855, 0.3268, 0.3208



66.3992, 0.3234, 0.3519



12.4809, 0.3245, 0.3221



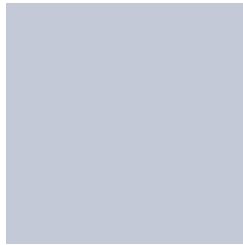
8.8781, 0.5759, 0.2946



0.5499, 0.5260, 0.2671

Previews

White Background



This preview shows how the Yxy color 58.2817, 0.2984, 0.3124 looks on a white background.

Color Contrast Check

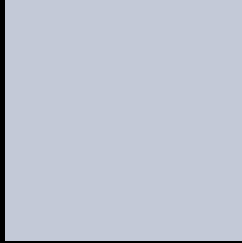
Large Text (above 18pt) WCAG AA × Fail

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 58.2817, 0.2984, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

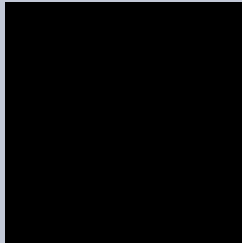
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

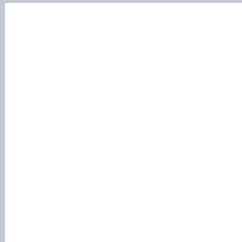
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2817, 0.2984, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 58.2817, 0.2984, 0.3124.

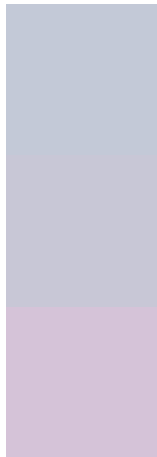


This preview shows how white text looks on a background with the Yxy color 58.2817, 0.2984, 0.3124.

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

58.2817, 0.2984, 0.3124

Protanopia

57.9812, 0.3028, 0.3114

Deuteranopia

58.1342, 0.3115, 0.3051



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.2817, 0.2984, 0.3124

Protanomaly

58.1694, 0.3013, 0.3125

Deuteranomaly

58.0122, 0.3060, 0.3070

Tritanomaly

58.3333, 0.2977, 0.3113

Monochromacy



Original Color

58.2817, 0.2984, 0.3124

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3716, 0.3076, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2817, 0.2984, 0.3124 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, 201, 215)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 215)  
}
```

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, 201, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 215) }
```

Border

The CSS property to change the border of an element to Yxy 58.2817, 0.2984, 0.3124 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, 201, 215) }
```

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

```
.border{ border-color:rgb(195, 201, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 201, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 201, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 201, 215); box-shadow:4px 4px 4px 4px rgb(195, 201, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2817, 0.2984, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 215) }
```

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

```
.background{ background-color: rgb(195,  
201, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor