

Converting Colors

Yxy(58.2647, 0.3024, 0.3222)

Have a look what the booklet for
Yxy(58.2647, 0.3024, 0.3222)
contains.

Yxy(58.2645, 0.3024, 0.3218)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.2645, 0.3024, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	C2CAD0
RGB	194, 202, 208
RGB Percent	76%, 79%, 82%
CMY	0.2393, 0.2078, 0.1843
CMYK	0.07, 0.03, 0.00, 0.18
HSL	206°, 13%, 79%
HSV	206°, 7%, 82%
XYZ	54.7520, 58.2645, 68.0416
YIQ	200.2920, -6.6940, 0.1700

Conversions

Conversions Part 2

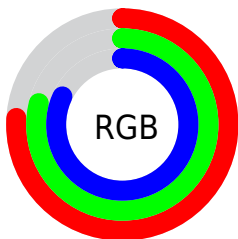
Format	Color
RYB	194, 199, 208
Decimal	12765904
CIELab	80.89, -1.58, -3.94
CIELCh	81, 4.250, 248.157
Yxy	58.2645, 0.3024, 0.3218
Android (android.graphics.Color)	4290955984 (0xFFC2CAD0)
YUV	200.2920, 3.8000, -5.5181
Hunter-Lab	76.3312, -5.5424, 0.5807

Details

The Yxy color **58.2645, 0.3024, 0.3218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6101, 0.3234, 0.3361**, and the grayscale version is **57.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **29.0884, 0.2991, 0.3194** is the 20% darker color. If you saturate the color by 10%, you get **51.6458, 0.2868, 0.3101**, and if you desaturate by 10%, it is **65.5145, 0.3176, 0.3323**.

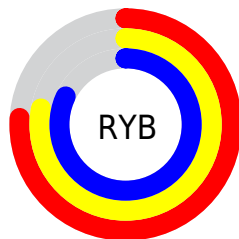
Distribution



Red (76%)

Green (79%)

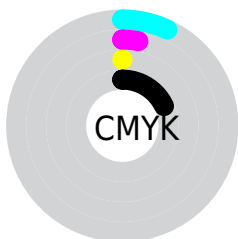
Blue (82%)



Red (76%)

Yellow (78%)

Blue (82%)

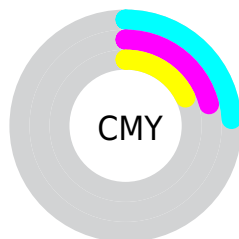


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2645, 0.3024, 0.3218 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 58.2645, 0.3024, 0.3218 by changing the saturation by 10% instead.

■ 58.2645, 0.3024,
0.3218

■ 58.2645, 0.3024,
0.3218

418.1708, 0.3074,
0.3253

■ 42.0213, 0.3012,
0.3210

■ 102.3079, 0.3042,
0.3230

■ 29.1180, 0.2997,
0.3199

130.8770, 0.3048,
0.3235

■ 19.1701, 0.2978,
0.3185

164.3234, 0.3054,
0.3239

■ 11.7933, 0.2952,
0.3167

203.0317, 0.3059,
0.3243

■ 6.6031, 0.2915,
0.3140

247.3862, 0.3063,
0.3246

■ 3.2151, 0.2859,
0.3099

297.7713, 0.3067,

■ 1.2450, 0.2761,

0.3248

0.3027

354.5713, 0.3071,
0.3251

0.0980, 0.1020,
0.1832

0.0000, 0.0000,
0.0000

58.2645, 0.3024,
0.3218

58.2645, 0.3024,
0.3218

51.6458, 0.2868,
0.3101

65.5145, 0.3176,
0.3323

45.6310, 0.2709,
0.2972

73.4074, 0.3322,
0.3416

40.2015, 0.2552,
0.2832

81.6990, 0.3451,
0.3499

35.3346, 0.2399,
0.2681

86.7458, 0.3435,
0.3586

■ 31.0061, 0.2256,
0.2522

■ 92.0489, 0.3420,
0.3671

■ 27.1892, 0.2127,
0.2357

■ 97.3346, 0.3406,
0.3750

■ 23.8543, 0.2015,
0.2190

■ 20.9673, 0.1925,
0.2024

■ 18.4852, 0.1857,
0.1864

Harmonies

Analogous

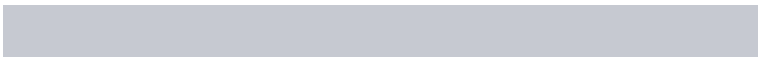
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.2645, 0.3023, 0.3259



58.2645, 0.3024, 0.3218



58.2645, 0.3052, 0.3197

Triad

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



58.2645, 0.3024, 0.3218



58.2645, 0.3205, 0.3272



58.2645, 0.3154, 0.3381

Complementary

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



58.2645, 0.3024, 0.3218



58.6101, 0.3234, 0.3361

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.



58.2645, 0.3203, 0.3384



58.2645, 0.3024, 0.3218



58.2645, 0.3232, 0.3320

Square

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



58.2645, 0.3024, 0.3218



58.2645, 0.3156, 0.3228



58.2645, 0.3231, 0.3362



58.2645, 0.3098, 0.3353

Rectangle

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



58.2645, 0.3024, 0.3218



58.2645, 0.3083, 0.3197



58.2645, 0.3231, 0.3362



58.2645, 0.3171, 0.3385

Sweetspot

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



58.2670, 0.3024, 0.3218



97.6605, 0.3096, 0.3269



60.7472, 0.3079, 0.3388



20.9280, 0.3098, 0.3270



0.0000, 0.0000, 0.0000



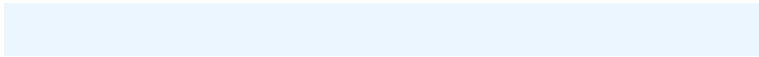
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2670, 0.3024, 0.3218



90.8885, 0.3003, 0.3203



55.1220, 0.3025, 0.3135



12.5240, 0.2983, 0.3188



11.2509, 0.1843, 0.1835



0.7849, 0.1925, 0.2128

Inverse Universe

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



56.2538, 0.3180, 0.3196



87.1181, 0.3191, 0.3177



61.8556, 0.3227, 0.3440



11.9199, 0.3202, 0.3158



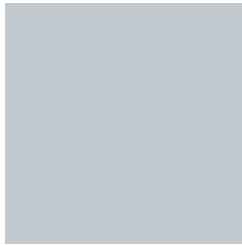
9.2070, 0.4644, 0.2332



0.5305, 0.4310, 0.2148

Previews

White Background



This preview shows how the Yxy color 58.2645, 0.3024, 0.3218 looks on a white background.

Color Contrast Check

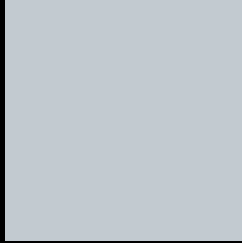
Large Text (above 18pt) WCAG AA × Fail

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 58.2645, 0.3024, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

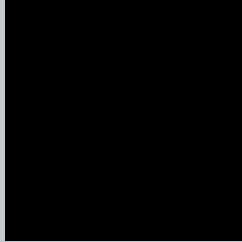
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

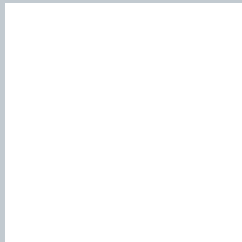
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2645, 0.3024, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 58.2645, 0.3024, 0.3218.

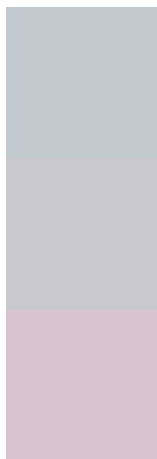


This preview shows how white text looks on a background with the Yxy color 58.2645, 0.3024, 0.3218.

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

58.2645, 0.3024, 0.3218

Protanopia

58.3701, 0.3092, 0.3208

Deuteranopia

58.2326, 0.3190, 0.3131



Tritanopia

58.3851, 0.2970, 0.3101

Trichromacy



Original Color

58.2645, 0.3024, 0.3218

Protanomaly

58.4204, 0.3069, 0.3219

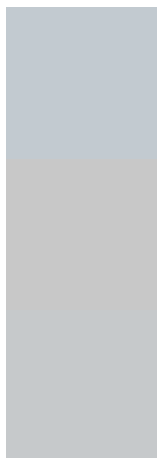
Deuteranomaly

58.4015, 0.3125, 0.3162

Tritanomaly

58.2304, 0.2990, 0.3136

Monochromacy



Original Color

58.2645, 0.3024, 0.3218

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0909, 0.3090, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2645, 0.3024, 0.3218 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(194, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 208)  
}
```

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(194, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.2645, 0.3024, 0.3218 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(194, 202, 208) }
```

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

```
.border{ border-color:rgb(194, 202, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 202,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2645, 0.3024, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 208) }
```

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

```
.background{ background-color: rgb(194,  
202, 208) }
```

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