

Converting Colors

Yxy(59.4494, 0.3008, 0.3250)

Have a look what the booklet for
Yxy(59.4494, 0.3008, 0.3250)
contains.

Yxy(59.4232, 0.3009, 0.3254) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(59.4232, 0.3009, 0.3254)

Conversions

Conversions Part 1	
Format	Color
Hex	C0CDD0
RGB	192, 205, 208
RGB Percent	75%, 80%, 82%
CMY	0.2472, 0.1960, 0.1843
CMYK	0.08, 0.01, 0.00, 0.18
HSL	191°, 15%, 78%
HSV	191°, 8%, 82%
XYZ	54.9491, 59.4232, 68.2435
YIQ	201.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

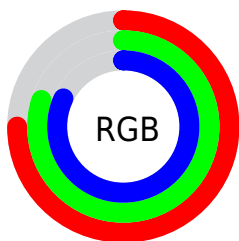
Format	Color
RYB	192, 199, 208
Decimal	12635600
CIELab	81.52, -3.83, -3.01
CIELCh	82, 4.876, 218.179
Yxy	59.4232, 0.3009, 0.3254
Android (android.graphics.Color)	4290825680 (0xFFC0CDD0)
YUV	201.4550, 3.2267, -8.2920
Hunter-Lab	77.0864, -7.6621, 1.4719

Details

The Yxy color `59.4232, 0.3009, 0.3254` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.2248, 0.3255, 0.3326`, and the grayscale version is `58.6882, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.6965, 0.3084, 0.3290`, and `29.8696, 0.2971, 0.3242` is the 20% darker color. If you saturate the color by 10%, you get `55.0706, 0.2858, 0.3203`, and if you desaturate by 10%, it is `64.2104, 0.3163, 0.3300`.

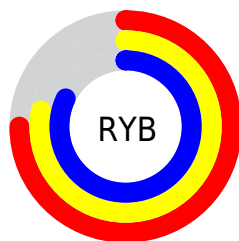
Distribution



Red (75%)

Green (80%)

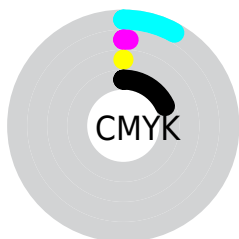
Blue (82%)



Red (75%)

Yellow (78%)

Blue (82%)

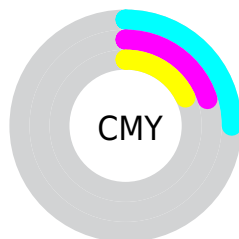


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (18%)



Cyan (25%)


Magenta (20%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4232, 0.3009, 0.3254 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 59.4232, 0.3009, 0.3254 by changing the saturation by 10% instead.


 59.4232, 0.3009,
0.3254

 59.4232, 0.3009,
0.3254


422.4684, 0.3066,
0.3272

 42.9539, 0.2996,
0.3250


 103.9925, 0.3029,
0.3260

 29.8489, 0.2979,
0.3244


132.8613, 0.3037,
0.3263

 19.7240, 0.2957,
0.3237


166.6320, 0.3043,
0.3265

 12.1945, 0.2928,
0.3228

205.6890, 0.3049,
0.3266

 6.8763, 0.2886,
0.3214

250.4168, 0.3054,
0.3268

 3.3849, 0.2823,
0.3192


301.1997, 0.3058,


 1.3358, 0.2716,


0.3269


0.3154


358.4221, 0.3062,
0.3271


 0.1687, 0.1060,
0.2678


 0.0000, 0.0000,
0.0000


 59.4232, 0.3009,
0.3254

 59.4232, 0.3009,
0.3254


 55.0706, 0.2858,
0.3203


 64.2104, 0.3163,
0.3300

 51.1286, 0.2713,
0.3148


 69.4399, 0.3316,
0.3342


 47.5824, 0.2576,
0.3089


 75.1289, 0.3468,
0.3379


 44.4130, 0.2452,
0.3027


 77.2623, 0.3466,
0.3418


 41.6000, 0.2342,
0.2962


 79.3243, 0.3459,
0.3456


 39.1206, 0.2249,
0.2895


 81.4337, 0.3452,
0.3495


 36.9492, 0.2176,
0.2827

 83.5908, 0.3445,
0.3533

 35.0556, 0.2121,
0.2760

 85.7960, 0.3438,
0.3571

 33.3974, 0.2085,
0.2693

 88.0494, 0.3431,
0.3608

Harmonies

Analogous

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



59.4232, 0.3040, 0.3311



59.4232, 0.3009, 0.3254



59.4232, 0.3010, 0.3208

Triad

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



59.4232, 0.3009, 0.3254



59.4232, 0.3160, 0.3220



59.4232, 0.3213, 0.3397

Complementary

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



59.4232, 0.3009, 0.3254



56.2248, 0.3255, 0.3326

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.



59.4232, 0.3246, 0.3371



59.4232, 0.3009, 0.3254



59.4232, 0.3215, 0.3269

Square

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



59.4232, 0.3009, 0.3254



59.4232, 0.3096, 0.3189



59.4232, 0.3247, 0.3324



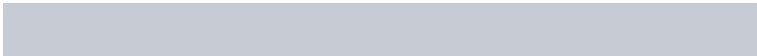
59.4232, 0.3157, 0.3394

Rectangle

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



59.4232, 0.3009, 0.3254



59.4232, 0.3028, 0.3189



59.4232, 0.3247, 0.3324



59.4232, 0.3227, 0.3392

Sweetspot

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



59.4257, 0.3009, 0.3254



98.4413, 0.3096, 0.3281



60.2484, 0.3098, 0.3448



21.0869, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



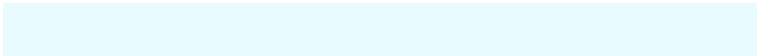
21.4041, 0.3127, 0.3290

Same Dimension

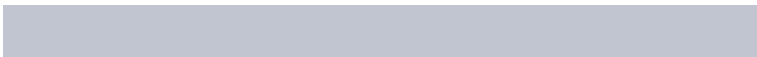
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4257, 0.3009, 0.3254



93.2088, 0.2988, 0.3247



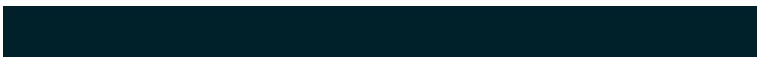
55.7114, 0.3009, 0.3158



13.0173, 0.2983, 0.3246



20.7220, 0.2080, 0.2687



1.2579, 0.2114, 0.2810

Inverse Universe

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



55.5060, 0.3158, 0.3137



85.9493, 0.3164, 0.3109



59.8886, 0.3246, 0.3419



11.9697, 0.3166, 0.3103



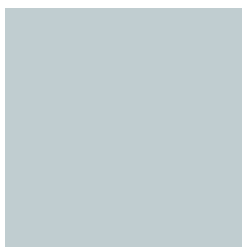
10.1632, 0.3740, 0.1834



0.5783, 0.3626, 0.1771

Previews

White Background



This preview shows how the Yxy color 59.4232, 0.3009, 0.3254 looks on a white background.

Color Contrast Check

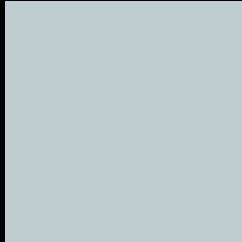
Large Text (above 18pt) WCAG AA × Fail

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 59.4232, 0.3009, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

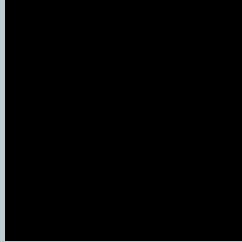
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

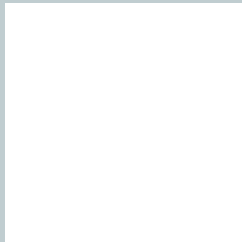
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.4232, 0.3009, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 59.4232, 0.3009, 0.3254.

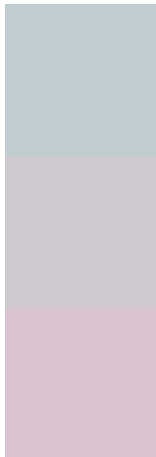


This preview shows how white text looks on a background with the Yxy color 59.4232, 0.3009, 0.3254.

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

59.4232, 0.3009, 0.3254

Protanopia

59.2087, 0.3122, 0.3232

Deuteranopia

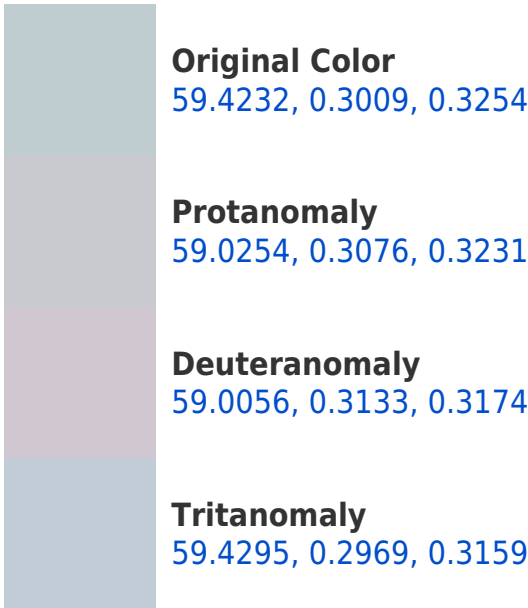
59.1931, 0.3206, 0.3132



Tritanopia

59.2957, 0.2950, 0.3102

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4232, 0.3009, 0.3254 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, 205, 208) looks like.

```
.text, #text, p{  
    color:rgb(192, 205, 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(192, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 205, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.4232, 0.3009, 0.3254 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, 205, 208) }
```

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

```
.border{ border-color:rgb(192, 205, 208) }
```

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

Here you see how a box with a 4 pixel rgb(192, 205, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(192, 205,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4232, 0.3009, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 205, 208) }
```

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

```
.background{ background-color: rgb(192,  
205, 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](#).

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