

Converting Colors

$Y_{xy}(42.5689, 0.2850, 0.3096)$

Have a look what the booklet for
Yxy(42.5689, 0.2850, 0.3096)
contains.

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Color

Yxy(42.4182, 0.2846, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	9DB1C0
RGB	157, 177, 192
RGB Percent	62%, 69%, 75%
CMY	0.3842, 0.3059, 0.2471
CMYK	0.18, 0.08, 0.00, 0.25
HSL	206°, 22%, 68%
HSV	206°, 18%, 75%
XYZ	39.1447, 42.4182, 55.9799
YIQ	172.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

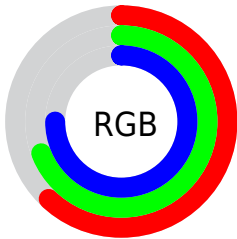
Format	Color
RYB	157, 170, 192
Decimal	10334656
CIELab	71.16, -3.68, -9.95
CIELCh	71, 10.607, 249.711
Yxy	42.4182, 0.2846, 0.3084
Android (android.graphics.Color)	4288524736 (0xFF9DB1C0)
YUV	172.7300, 9.5001, -13.7952
Hunter-Lab	65.1293, -6.6922, -5.3705

Details

The Yxy color **42.4182, 0.2846, 0.3084** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1524, 0.3441, 0.3488**, and the grayscale version is **41.6052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.0522, 0.2900, 0.3131**, and **19.2826, 0.2756, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **37.4832, 0.2688, 0.2954**, and if you desaturate by 10%, it is **47.8563, 0.3002, 0.3202**.

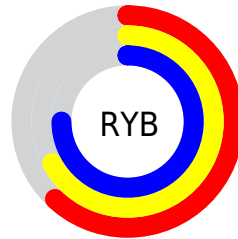
Distribution



Red (62%)

Green (69%)

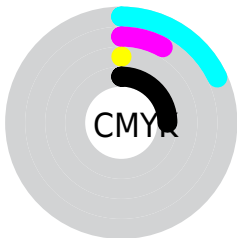
Blue (75%)



Red (62%)

Yellow (67%)

Blue (75%)

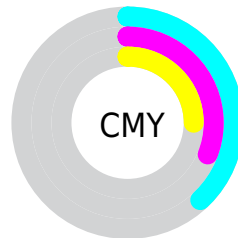


Cyan (18%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (38%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4182, 0.2846, 0.3084 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 42.4182, 0.2846, 0.3084 by changing the saturation by 10% instead.


 42.4182, 0.2846,
0.3084

 42.4182, 0.2846,
0.3084


356.2136, 0.2988,
0.3189

 29.4289, 0.2810,
0.3057

 78.8322, 0.2898,
0.3123

 19.4055, 0.2764,
0.3022


 103.0256, 0.2917,
0.3137

 11.9637, 0.2703,
0.2975


131.7226, 0.2933,
0.3149

 6.7189, 0.2616,
0.2908

165.3074, 0.2947,
0.3160

 3.2870, 0.2486,
0.2805

204.1645, 0.2960,
0.3169

 1.2833, 0.2270,
0.2629

248.6783, 0.2970,

 0.1282, 0.0322,

0.3176

0.1288

299.2332, 0.2979,
0.3183

0.0000, 0.0000,
0.0000

42.4182, 0.2846,
0.3084

42.4182, 0.2846,
0.3084

37.4832, 0.2688,
0.2954

47.8563, 0.3002,
0.3202

33.0285, 0.2532,
0.2813

53.8089, 0.3154,
0.3308

29.0371, 0.2381,
0.2661

60.2933, 0.3300,
0.3403

25.4887, 0.2240,
0.2502

67.3244, 0.3440,
0.3487

22.3611, 0.2113,
0.2337

74.9167, 0.3571,
0.3560

■ 19.6296, 0.2004,
0.2170

■ 79.6687, 0.3567,
0.3640

■ 17.2657, 0.1917,
0.2006

■ 84.2640, 0.3548,
0.3720

■ 15.2270, 0.1850,
0.1846

■ 89.0772, 0.3529,
0.3798

■ 14.8832, 0.1838,
0.1818

■ 94.1113, 0.3511,
0.3874

Harmonies

Analogous

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



42.4182, 0.2841, 0.3192



42.4182, 0.2846, 0.3084



42.4182, 0.2925, 0.3034

Triad

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



42.4182, 0.2846, 0.3084



42.4182, 0.3348, 0.3244



42.4182, 0.3190, 0.3545

Complementary

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



42.4182, 0.2846, 0.3084



43.1524, 0.3441, 0.3488

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.



42.4182, 0.3330, 0.3554



42.4182, 0.2846, 0.3084



42.4182, 0.3423, 0.3376

Square

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



42.4182, 0.2846, 0.3084



42.4182, 0.3214, 0.3126



42.4182, 0.3416, 0.3490



42.4182, 0.3037, 0.3463

Rectangle

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



42.4182, 0.2846, 0.3084



42.4182, 0.3010, 0.3037



42.4182, 0.3416, 0.3490



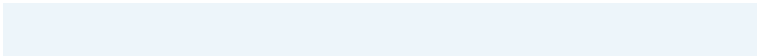
42.4182, 0.3240, 0.3557

Sweetspot

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



42.4199, 0.2846, 0.3084



89.9983, 0.3050, 0.3236



47.8247, 0.2999, 0.3571



19.1469, 0.3039, 0.3229



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



42.4199, 0.2846, 0.3084



73.0577, 0.2781, 0.3031



36.1018, 0.2833, 0.2842



10.6816, 0.2984, 0.3189



10.1744, 0.1844, 0.1838



0.5742, 0.1943, 0.2195

Inverse Universe

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



38.5053, 0.3284, 0.3030



64.8097, 0.3328, 0.2968



50.0630, 0.3404, 0.3702



10.1721, 0.3202, 0.3159



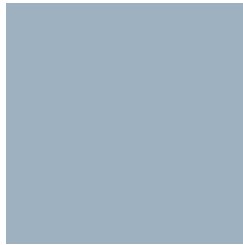
8.3093, 0.4641, 0.2330



0.3726, 0.4238, 0.2108

Previews

White Background



This preview shows how the Yxy color 42.4182, 0.2846, 0.3084 looks on a white background.

Color Contrast Check

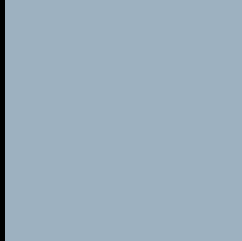
Large Text (above 18pt) WCAG AA × Fail

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 42.4182, 0.2846, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

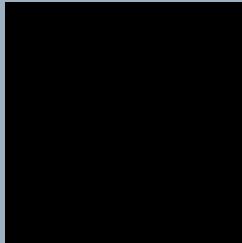
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

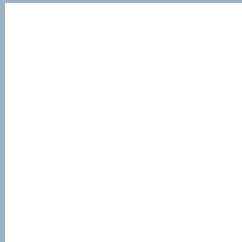
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.4182, 0.2846, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 42.4182, 0.2846, 0.3084.



This preview shows how white text looks on a background with the Yxy color 42.4182, 0.2846, 0.3084.

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

42.4182, 0.2846, 0.3084

Protanopia

42.4455, 0.2998, 0.3077

Deuteranopia

42.2161, 0.3036, 0.2966



Tritanopia

42.3740, 0.2853, 0.3097

Trichromacy



Original Color

42.4182, 0.2846, 0.3084

Protanomaly

42.2053, 0.2940, 0.3074

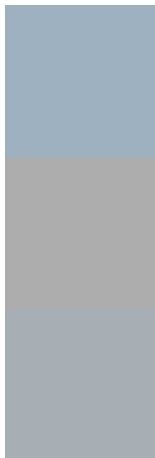
Deuteranomaly

42.2395, 0.2967, 0.3011

Tritanomaly

42.3740, 0.2853, 0.3097

Monochromacy



Original Color

42.4182, 0.2846, 0.3084

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7829, 0.3018, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4182, 0.2846, 0.3084 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(157, 177, 192)` looks like.

```
.text, #text, p{  
    color:rgb(157, 177, 192)  
}
```

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(157, 177, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 177, 192) }
```

Border

The CSS property to change the border of an element to Yxy 42.4182, 0.2846, 0.3084 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(157, 177, 192) }
```

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

```
.border{ border-color:rgb(157, 177, 192) }
```

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

Here you see how a box with a 4 pixel rgb(157, 177, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 177, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 177, 192);  
box-shadow:4px 4px 4px 4px rgb(157, 177,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4182, 0.2846, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 177, 192) }
```

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

```
.background{ background-color: rgb(157,  
177, 192) }
```

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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