

Converting Colors

$Yxy(41.9075, 0.2894, 0.3212)$

Have a look what the booklet for
Yxy(41.9075, 0.2894, 0.3212)
contains.

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Color

Yxy(41.8317, 0.2896, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	9BB1B7
RGB	155, 177, 183
RGB Percent	61%, 69%, 72%
CMY	0.3919, 0.3059, 0.2823
CMYK	0.15, 0.03, 0.00, 0.28
HSL	193°, 16%, 66%
HSV	193°, 15%, 72%
XYZ	37.7986, 41.8317, 50.8898
YIQ	171.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

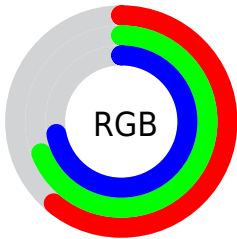
Format	Color
R_{YB}	155, 167, 183
Decimal	10203575
CIE _{Lab}	70.75, -6.25, -5.63
CIE _{LCh}	71, 8.416, 222.018
Yxy	41.8317, 0.2896, 0.3205
Android (android.graphics.Color)	4288393655 (0xFF9BB1B7)
YUV	171.1060, 5.8637, -14.1250
Hunter-Lab	64.6774, -8.8670, -1.3766

Details

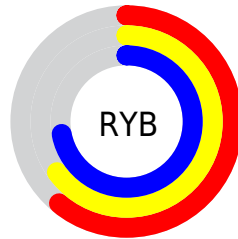
The Yxy color **41.8317, 0.2896, 0.3205** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.9656, 0.3396, 0.3373**, and the grayscale version is **40.7635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2115, 0.2940, 0.3225**, and **18.9106, 0.2823, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **38.6185, 0.2749, 0.3143**, and if you desaturate by 10%, it is **45.3681, 0.3047, 0.3262**.

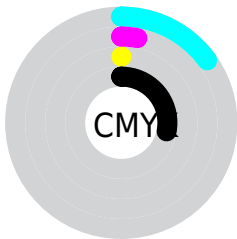
Distribution



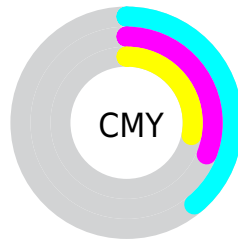
- Red (61%)
- Green (69%)
- Blue (72%)



- Red (61%)
- Yellow (65%)
- Blue (72%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)





- Cyan (39%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8317, 0.2896, 0.3205 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 41.8317, 0.2896, 0.3205 by changing the saturation by 10% instead.

 41.8317, 0.2896,
0.3205

 41.8317, 0.2896,
0.3205


353.7848, 0.3013,
0.3249

 28.9695, 0.2866,
0.3193


 77.9448, 0.2939,
0.3222

 19.0578, 0.2828,
0.3178


 101.9646, 0.2955,
0.3228

 11.7120, 0.2777,
0.3157


130.4724, 0.2968,
0.3233

 6.5479, 0.2704,
0.3127

163.8525, 0.2980,
0.3237

 3.1810, 0.2593,
0.3079

202.4894, 0.2990,
0.3241

 1.2270, 0.2406,
0.2992

246.7675, 0.2998,

 0.0836, 0.0000,

0.3244

0.1470

297.0712, 0.3006,
0.3247

0.0000, 0.0000,
0.0000

41.8317, 0.2896,
0.3205

41.8317, 0.2896,
0.3205

38.6185, 0.2749,
0.3143

45.3681, 0.3047,
0.3262

35.7105, 0.2609,
0.3076

49.2343, 0.3199,
0.3314

33.0960, 0.2478,
0.3004

53.4434, 0.3350,
0.3360

30.7600, 0.2361,
0.2930

58.0060, 0.3498,
0.3402

28.6864, 0.2260,
0.2853

62.9322, 0.3642,
0.3438

■ 26.8568, 0.2177,
0.2774

■ 66.3086, 0.3700,
0.3475

■ 25.2503, 0.2113,
0.2695

■ 68.1708, 0.3689,
0.3516

■ 23.8410, 0.2068,
0.2617

■ 70.0808, 0.3678,
0.3556

■ 23.2164, 0.2050,
0.2580

■ 72.0388, 0.3667,
0.3596

Harmonies

Analogous

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



41.8317, 0.2947, 0.3315



41.8317, 0.2896, 0.3205



41.8317, 0.2905, 0.3121

Triad

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



41.8317, 0.2896, 0.3205



41.8317, 0.3206, 0.3165



41.8317, 0.3281, 0.3501

Complementary

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



41.8317, 0.2896, 0.3205



37.9656, 0.3396, 0.3373

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.



41.8317, 0.3354, 0.3456



41.8317, 0.2896, 0.3205



41.8317, 0.3310, 0.3262

Square

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



41.8317, 0.2896, 0.3205



41.8317, 0.3082, 0.3101



41.8317, 0.3364, 0.3368



41.8317, 0.3169, 0.3489

Rectangle

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



41.8317, 0.2896, 0.3205



41.8317, 0.2944, 0.3090



41.8317, 0.3364, 0.3368



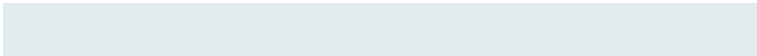
41.8317, 0.3311, 0.3492

Sweetspot

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



41.8334, 0.2896, 0.3205



81.3600, 0.3050, 0.3263



43.4108, 0.3065, 0.3609



17.8676, 0.3039, 0.3259



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.8334, 0.2896, 0.3205



73.1046, 0.2851, 0.3187



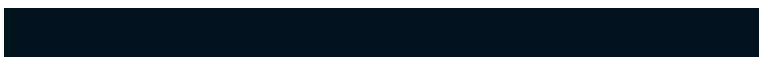
36.7527, 0.2889, 0.3011



9.8727, 0.2985, 0.3239



16.2964, 0.2053, 0.2590



0.6577, 0.2108, 0.2790

Inverse Universe

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



36.7107, 0.3200, 0.2996



62.4181, 0.3216, 0.2936



42.9558, 0.3369, 0.3554



9.1286, 0.3169, 0.3113



8.4275, 0.3834, 0.1886



0.3055, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 41.8317, 0.2896, 0.3205 looks on a white background.

Color Contrast Check

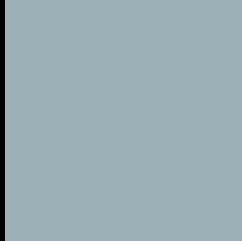
Large Text (above 18pt) WCAG AA × Fail

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 41.8317, 0.2896, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

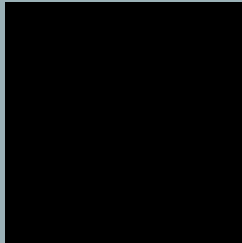
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

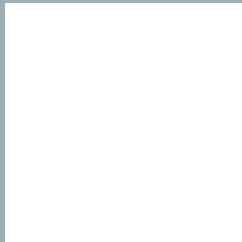
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.8317, 0.2896, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 41.8317, 0.2896, 0.3205.



This preview shows how white text looks on a background with the Yxy color 41.8317, 0.2896, 0.3205.

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

41.8317, 0.2896, 0.3205

Protanopia

41.7990, 0.3079, 0.3182

Deuteranopia

41.6984, 0.3129, 0.3068



Tritanopia

41.8363, 0.2851, 0.3096

Trichromacy



Original Color

41.8317, 0.2896, 0.3205

Protanomaly

41.8238, 0.3010, 0.3194

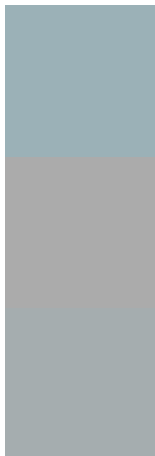
Deuteranomaly

41.4707, 0.3038, 0.3115

Tritanomaly

41.7064, 0.2873, 0.3137

Monochromacy



Original Color

41.8317, 0.2896, 0.3205

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.9816, 0.3040, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8317, 0.2896, 0.3205 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(155, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(155, 177, 183)  
}
```

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(155, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 177, 183) }
```

Border

The CSS property to change the border of an element to Yxy 41.8317, 0.2896, 0.3205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

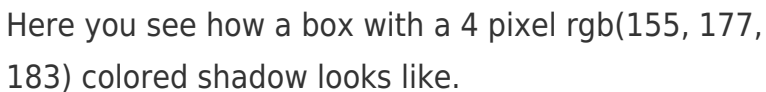
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 177, 183) }
```

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

```
.border{ border-color:rgb(155, 177, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 177, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 177, 183); box-shadow:4px 4px 4px 4px rgb(155, 177, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8317, 0.2896, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 177, 183) }
```

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

```
.background{ background-color: rgb(155,  
177, 183) }
```

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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