

Converting Colors

$Yxy(43.0185, 0.2979, 0.3213)$

Have a look what the booklet for
Yxy(43.0185, 0.2979, 0.3213)
contains.

Yxy(42.8625, 0.2977, 0.3208)	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(42.8625, 0.2977, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	A5B1B7
RGB	165, 177, 183
RGB Percent	65%, 69%, 72%
CMY	0.3532, 0.3058, 0.2824
CMYK	0.10, 0.03, 0.00, 0.28
HSL	200°, 11%, 68%
HSV	200°, 10%, 72%
XYZ	39.7761, 42.8625, 50.9727
YIQ	174.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

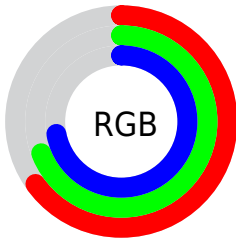
Format	Color
RYB	165, 172, 183
Decimal	10858935
CIELab	71.46, -3.00, -4.50
CIElCh	71, 5.405, 236.342
Yxy	42.8625, 0.2977, 0.3208
Android (android.graphics.Color)	4289049015 (0xFFA5B1B7)
YUV	174.0960, 4.3897, -7.9772
Hunter-Lab	65.4695, -6.1236, -0.3329

Details

The Yxy color $42.8625, 0.2977, 0.3208$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.8730, 0.3289, 0.3371$, and the grayscale version is $42.3558, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.7255, 0.3004, 0.3226$, and $19.5377, 0.2933, 0.3176$ is the 20% darker color. If you saturate the color by 10%, you get $38.7025, 0.2824, 0.3116$, and if you desaturate by 10%, it is $47.4129, 0.3129, 0.3291$.

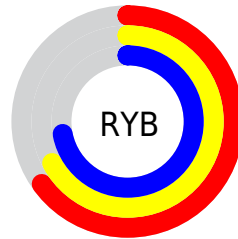
Distribution



Red (65%)

Green (69%)

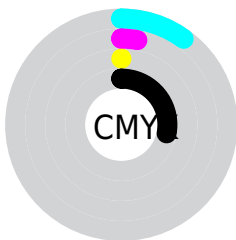
Blue (72%)



Red (65%)

Yellow (67%)

Blue (72%)

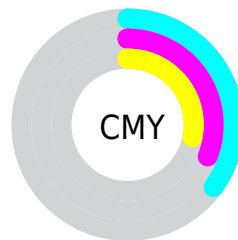


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (28%)



Cyan (35%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.8625, 0.2977, 0.3208 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 42.8625, 0.2977, 0.3208 by changing the saturation by 10% instead.

■ 42.8625, 0.2977,
0.3208

■ 42.8625, 0.2977,
0.3208

358.0460, 0.3053,
0.3250

■ 29.7772, 0.2958,
0.3197

■ 79.5033, 0.3005,
0.3223

■ 19.6696, 0.2933,
0.3183

■ 103.8277, 0.3015,
0.3229

■ 12.1551, 0.2900,
0.3164

132.6672, 0.3024,
0.3234

■ 6.8494, 0.2853,
0.3137

166.4063, 0.3031,
0.3238

■ 3.3681, 0.2781,
0.3095

205.4293, 0.3038,
0.3242

■ 1.3268, 0.2659,
0.3021

250.1207, 0.3043,

■ 0.1618, 0.1100,

0.3245

0.2207

300.8648, 0.3048,
0.3248

0.0000, 0.0000,
0.0000

42.8625, 0.2977,
0.3208

42.8625, 0.2977,
0.3208

38.7025, 0.2824,
0.3116

47.4129, 0.3129,
0.3291

34.9143, 0.2673,
0.3016

52.3608, 0.3278,
0.3366

31.4856, 0.2527,
0.2908

57.7199, 0.3423,
0.3432

28.4012, 0.2389,
0.2793

63.5014, 0.3561,
0.3490

25.6446, 0.2264,
0.2672

69.4430, 0.3682,
0.3543

■ 23.1978, 0.2154,
0.2548

■ 72.4377, 0.3665,
0.3604

■ 21.0401, 0.2063,
0.2422

■ 75.5462, 0.3648,
0.3664

■ 19.1477, 0.1992,
0.2297

■ 78.7696, 0.3632,
0.3723

■ 17.4739, 0.1937,
0.2173

■ 82.1092, 0.3616,
0.3782

Harmonies

Analogous

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



42.8625, 0.2992, 0.3272



42.8625, 0.2977, 0.3208



42.8625, 0.3002, 0.3167

Triad

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



42.8625, 0.2977, 0.3208



42.8625, 0.3212, 0.3238



42.8625, 0.3194, 0.3425

Complementary

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



42.8625, 0.2977, 0.3208



41.8730, 0.3289, 0.3371

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.



42.8625, 0.3254, 0.3414



42.8625, 0.2977, 0.3208



42.8625, 0.3264, 0.3305

Square

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



42.8625, 0.2977, 0.3208



42.8625, 0.3137, 0.3185



42.8625, 0.3280, 0.3370



42.8625, 0.3116, 0.3399

Rectangle

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



42.8625, 0.2977, 0.3208



42.8625, 0.3038, 0.3157



42.8625, 0.3280, 0.3370



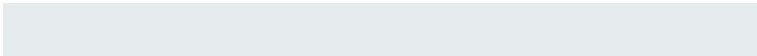
42.8625, 0.3217, 0.3425

Sweetspot

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



42.8643, 0.2977, 0.3208



82.2524, 0.3081, 0.3266



44.7844, 0.3071, 0.3460



18.0203, 0.3069, 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.



42.8643, 0.2977, 0.3208



74.9759, 0.2941, 0.3187



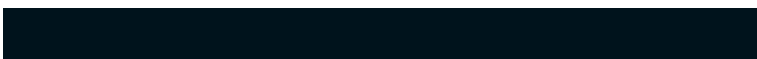
39.5085, 0.2976, 0.3086



9.6964, 0.2985, 0.3213



12.3058, 0.1941, 0.2186



0.5421, 0.2029, 0.2505

Inverse Universe

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



40.1298, 0.3190, 0.3129



69.0671, 0.3207, 0.3090



45.2959, 0.3276, 0.3486



9.1108, 0.3187, 0.3138



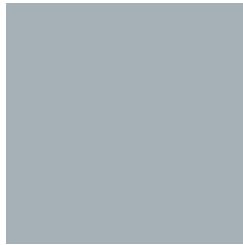
8.0246, 0.4247, 0.2113



0.2938, 0.3918, 0.1932

Previews

White Background



This preview shows how the Yxy color 42.8625, 0.2977, 0.3208 looks on a white background.

Color Contrast Check

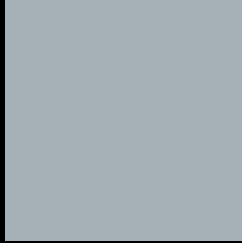
Large Text (above 18pt) WCAG AA × Fail

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 42.8625, 0.2977, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

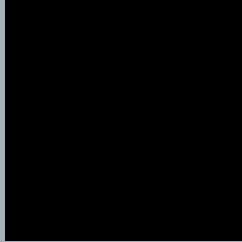
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

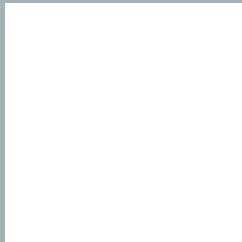
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8625, 0.2977, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 42.8625, 0.2977, 0.3208.



This preview shows how white text looks on a background with the Yxy color 42.8625, 0.2977, 0.3208.

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

42.8625, 0.2977, 0.3208

Protanopia

42.8384, 0.3088, 0.3196

Deuteranopia

42.7749, 0.3163, 0.3109



Tritanopia

42.8754, 0.2932, 0.3101

Trichromacy



Original Color

42.8625, 0.2977, 0.3208

Protanomaly

42.8080, 0.3045, 0.3195

Deuteranomaly

42.9315, 0.3090, 0.3145

Tritanomaly

42.7455, 0.2955, 0.3140

Monochromacy



Original Color

42.8625, 0.2977, 0.3208

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4922, 0.3076, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8625, 0.2977, 0.3208 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(165, 177, 183)` looks like.

```
.text, #text, p{  
    color:rgb(165, 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(165, 177, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 183) }
```

Border

The CSS property to change the border of an element to Yxy 42.8625, 0.2977, 0.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

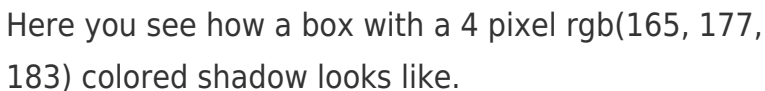
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 177, 183) }
```

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

```
.border{ border-color:rgb(165, 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(165, 177, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 177, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 177, 183); box-shadow:4px 4px 4px 4px rgb(165, 177, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8625, 0.2977, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 183) }
```

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

```
.background{ background-color: rgb(165,  
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](#).

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