

Converting Colors

$Yxy(42.8794, 0.2925, 0.3087)$

Have a look what the booklet for
Yxy(42.8794, 0.2925, 0.3087)
contains.

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Color

Yxy(42.9192, 0.2925, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	A6B0BF
RGB	166, 176, 191
RGB Percent	65%, 69%, 75%
CMY	0.3490, 0.3098, 0.2511
CMYK	0.13, 0.08, 0.00, 0.25
HSL	216°, 16%, 70%
HSV	216°, 13%, 75%
XYZ	40.6537, 42.9192, 55.4141
YIQ	174.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

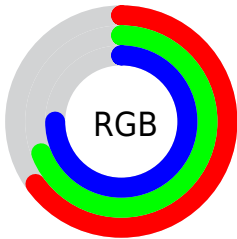
Format	Color
R_{YB}	166, 173, 191
Decimal	10924223
CIE _{Lab}	71.50, -0.43, -8.82
CIE _{LCh}	72, 8.828, 267.201
Yxy	42.9192, 0.2925, 0.3088
Android (android.graphics.Color)	4289114303 (0xFFA6B0BF)
YUV	174.7200, 8.0260, -7.6474
Hunter-Lab	65.5127, -3.8797, -4.2917

Details

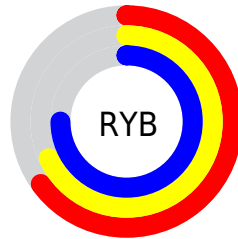
The Yxy color **42.9192, 0.2925, 0.3088** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.8638, 0.3337, 0.3484**, and the grayscale version is **42.6802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8008, 0.2963, 0.3133**, and **19.8277, 0.2863, 0.3030** is the 20% darker color. If you saturate the color by 10%, you get **36.7054, 0.2761, 0.2913**, and if you desaturate by 10%, it is **49.8218, 0.3081, 0.3245**.

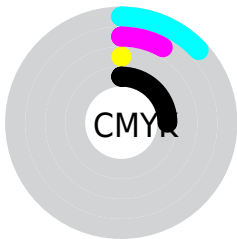
Distribution



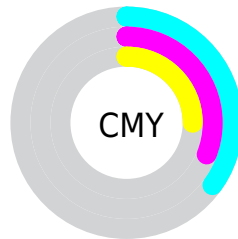
- Red (65%)
- Green (69%)
- Blue (75%)



- Red (65%)
- Yellow (68%)
- Blue (75%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (35%)
- Magenta (31%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.9192, 0.2925, 0.3088 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 42.9192, 0.2925, 0.3088 by changing the saturation by 10% instead.

■ 42.9192, 0.2925,
0.3088

■ 42.9192, 0.2925,
0.3088

■ 358.2794, 0.3027,
0.3190

■ 29.8217, 0.2899,
0.3062

■ 79.5889, 0.2962,
0.3125

■ 19.7033, 0.2866,
0.3029

■ 103.9299, 0.2976,
0.3139

■ 12.1796, 0.2821,
0.2984

■ 132.7876, 0.2988,
0.3151

■ 6.8661, 0.2758,
0.2920

■ 166.5463, 0.2998,
0.3161

■ 3.3785, 0.2663,
0.2824

■ 205.5905, 0.3007,
0.3170

■ 1.3324, 0.2503,
0.2662

■ 250.3044, 0.3014,

■ 0.1661, 0.1326,

0.3178

0.1495

301.0726, 0.3021,
0.3184

0.0000, 0.0000,
0.0000

42.9192, 0.2925,
0.3088

42.9192, 0.2925,
0.3088

36.7054, 0.2761,
0.2913

49.8218, 0.3081,
0.3245

31.1522, 0.2591,
0.2719

57.4295, 0.3228,
0.3385

26.2374, 0.2420,
0.2510

65.7646, 0.3364,
0.3508

21.9351, 0.2251,
0.2287

74.8467, 0.3489,
0.3616

18.2176, 0.2093,
0.2057

83.4421, 0.3557,
0.3717

■ 15.0546, 0.1950,
0.1826

■ 90.1461, 0.3531,
0.3826

■ 12.4122, 0.1829,
0.1601

■ 96.5403, 0.3508,
0.3920

■ 10.2516, 0.1735,
0.1393

■ 8.9945, 0.1683,
0.1260

Harmonies

Analogous

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



42.9192, 0.2884, 0.3152



42.9192, 0.2925, 0.3088



42.9192, 0.3020, 0.3078

Triad

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



42.9192, 0.2925, 0.3088



42.9192, 0.3354, 0.3317



42.9192, 0.3105, 0.3467

Complementary

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



42.9192, 0.2925, 0.3088



46.8638, 0.3337, 0.3484

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.



42.9192, 0.3232, 0.3511



42.9192, 0.2925, 0.3088



42.9192, 0.3377, 0.3421

Square

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



42.9192, 0.2925, 0.3088



42.9192, 0.3268, 0.3208



42.9192, 0.3332, 0.3493



42.9192, 0.2986, 0.3373

Rectangle

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



42.9192, 0.2925, 0.3088



42.9192, 0.3102, 0.3102



42.9192, 0.3332, 0.3493



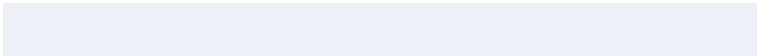
42.9192, 0.3148, 0.3489

Sweetspot

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



42.9210, 0.2925, 0.3088



87.9785, 0.3066, 0.3230



48.6754, 0.3004, 0.3429



19.1048, 0.3054, 0.3219



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.



42.9210, 0.2925, 0.3088



73.2225, 0.2874, 0.3034



39.3709, 0.2939, 0.2952



9.8356, 0.2984, 0.3149



6.0615, 0.1690, 0.1285



0.3660, 0.1826, 0.1775

Inverse Universe

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



41.4833, 0.3272, 0.3160



70.2008, 0.3314, 0.3127



50.8071, 0.3302, 0.3611



9.5980, 0.3227, 0.3198



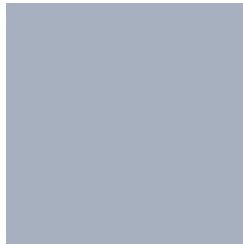
7.6416, 0.5348, 0.2720



0.3123, 0.4716, 0.2372

Previews

White Background



This preview shows how the Yxy color 42.9192, 0.2925, 0.3088 looks on a white background.

Color Contrast Check

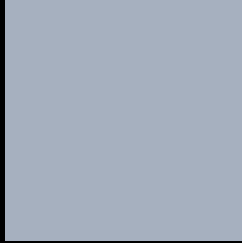
Large Text (above 18pt) WCAG AA × Fail

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 42.9192, 0.2925, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

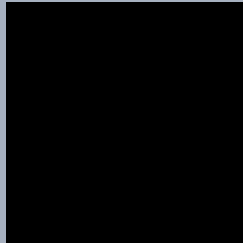
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

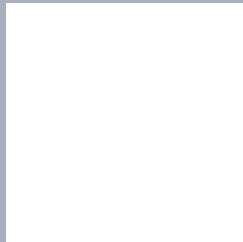
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.9192, 0.2925, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 42.9192, 0.2925, 0.3088.

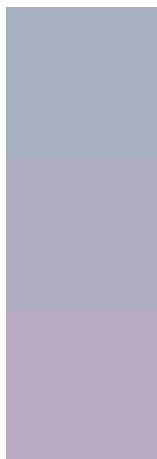


This preview shows how white text looks on a background with the Yxy color 42.9192, 0.2925, 0.3088.

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

42.9192, 0.2925, 0.3088

Protanopia

42.9885, 0.2999, 0.3078

Deuteranopia

42.7456, 0.3070, 0.3006



Tritanopia

42.8754, 0.2932, 0.3101

Trichromacy



Original Color

42.9192, 0.2925, 0.3088

Protanomaly

43.0356, 0.2973, 0.3090

Deuteranomaly

42.6579, 0.3009, 0.3027

Tritanomaly

42.8754, 0.2932, 0.3101

Monochromacy



Original Color

42.9192, 0.2925, 0.3088

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7668, 0.3053, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9192, 0.2925, 0.3088 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(166, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 176, 191)  
}
```

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(166, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 176, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.9192, 0.2925, 0.3088 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(166, 176, 191) }
```

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

```
.border{ border-color:rgb(166, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 176,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9192, 0.2925, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 176, 191) }
```

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

```
.background{ background-color: rgb(166,  
176, 191) }
```

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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