

Converting Colors

$Y_{xy}(44.4840, 0.2933, 0.3121)$

Have a look what the booklet for
Yxy(44.4840, 0.2933, 0.3121)
contains.

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Color

Yxy(44.3708, 0.2935, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	A8B3C0
RGB	168, 179, 192
RGB Percent	66%, 70%, 75%
CMY	0.3409, 0.2981, 0.2470
CMYK	0.12, 0.07, 0.00, 0.25
HSL	213°, 16%, 71%
HSV	213°, 12%, 75%
XYZ	41.7934, 44.3708, 56.2324
YIQ	177.1930, -10.7290, 1.7110

Conversions

Conversions Part 2

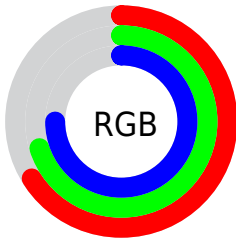
Format	Color
R _Y B	168, 176, 192
Decimal	11056064
CIE Lab	72.48, -1.15, -7.92
CIE LCh	72, 8.001, 261.751
Yxy	44.3708, 0.2935, 0.3116
Android (android.graphics.Color)	4289246144 (0xFFA8B3C0)
YUV	177.1930, 7.2999, -8.0623
Hunter-Lab	66.6114, -4.5753, -3.4238

Details

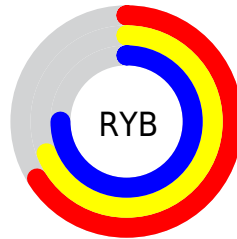
The Yxy color **44.3708, 0.2935, 0.3116** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.1186, 0.3329, 0.3458**, and the grayscale version is **44.0442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8819, 0.2970, 0.3155**, and **20.4988, 0.2876, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **38.3896, 0.2773, 0.2958**, and if you desaturate by 10%, it is **50.9839, 0.3090, 0.3258**.

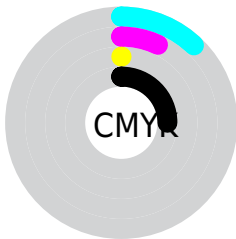
Distribution



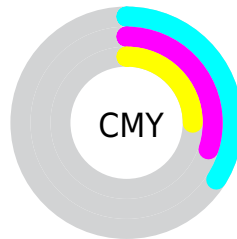
- Red (66%)
- Green (70%)
- Blue (75%)



- Red (66%)
- Yellow (69%)
- Blue (75%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (34%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3708, 0.2935, 0.3116 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 44.3708, 0.2935, 0.3116 by changing the saturation by 10% instead.

■ 44.3708, 0.2935,
0.3116

■ 44.3708, 0.2935,
0.3116

364.2193, 0.3032,
0.3204

■ 30.9621, 0.2911,
0.3094

■ 81.7754, 0.2970,
0.3148

■ 20.5700, 0.2880,
0.3065

■ 106.5401, 0.2983,
0.3160

■ 12.8101, 0.2838,
0.3027

135.8590, 0.2994,
0.3170

■ 7.2979, 0.2780,
0.2973

170.1164, 0.3004,
0.3179

■ 3.6491, 0.2692,
0.2892

209.6968, 0.3012,
0.3186

■ 1.4793, 0.2546,
0.2755

254.9844, 0.3019,

■ 0.2741, 0.1711,

0.3193

0.2017

306.3638, 0.3026,
0.3199

0.0000, 0.0000,
0.0000

44.3708, 0.2935,
0.3116

44.3708, 0.2935,
0.3116

38.3896, 0.2773,
0.2958

50.9839, 0.3090,
0.3258

33.0141, 0.2608,
0.2785

58.2428, 0.3237,
0.3383

28.2245, 0.2442,
0.2597

66.1679, 0.3375,
0.3495

23.9973, 0.2280,
0.2397

74.7771, 0.3503,
0.3592

20.3075, 0.2128,
0.2188

82.3266, 0.3555,
0.3687

■ 17.1275, 0.1992,
0.1977

■ 88.3537, 0.3531,
0.3787

■ 14.4266, 0.1876,
0.1768

■ 94.7356, 0.3508,
0.3883

■ 12.1693, 0.1785,
0.1570

■ 96.5859, 0.3502,
0.3909

■ 10.7178, 0.1731,
0.1430

Harmonies

Analogous

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



44.3708, 0.2908, 0.3182



44.3708, 0.2935, 0.3116



44.3708, 0.3013, 0.3097

Triad

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



44.3708, 0.2935, 0.3116



44.3708, 0.3320, 0.3296



44.3708, 0.3128, 0.3460

Complementary

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



44.3708, 0.2935, 0.3116



47.1186, 0.3329, 0.3458

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.



44.3708, 0.3240, 0.3489



44.3708, 0.2935, 0.3116



44.3708, 0.3352, 0.3392

Square

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



44.3708, 0.2935, 0.3116



44.3708, 0.3235, 0.3201



44.3708, 0.3322, 0.3464



44.3708, 0.3018, 0.3382

Rectangle

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



44.3708, 0.2935, 0.3116



44.3708, 0.3084, 0.3113



44.3708, 0.3322, 0.3464



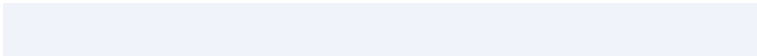
44.3708, 0.3167, 0.3476

Sweetspot

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



44.3727, 0.2935, 0.3116



90.3852, 0.3066, 0.3236



49.3625, 0.3019, 0.3438



19.1897, 0.3054, 0.3226



97.7402, 0.3127, 0.3290



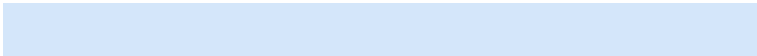
20.4902, 0.3127, 0.3290

Same Dimension

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



44.3727, 0.2935, 0.3116



77.2785, 0.2891, 0.3074



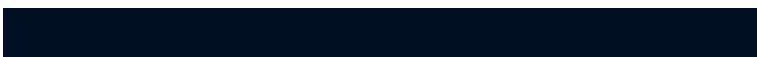
40.2557, 0.2938, 0.2967



10.4880, 0.2984, 0.3162



7.3634, 0.1737, 0.1453



0.4558, 0.1857, 0.1884

Inverse Universe

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



42.4908, 0.3253, 0.3150



73.2862, 0.3286, 0.3117



51.6337, 0.3304, 0.3595



10.1526, 0.3219, 0.3185



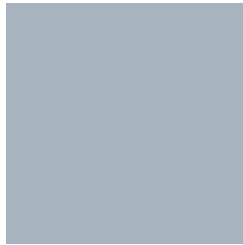
8.0256, 0.5121, 0.2595



0.3607, 0.4586, 0.2300

Previews

White Background



This preview shows how the Yxy color 44.3708, 0.2935, 0.3116 looks on a white background.

Color Contrast Check

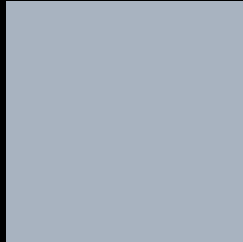
Large Text (above 18pt) WCAG AA × Fail

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 44.3708, 0.2935, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

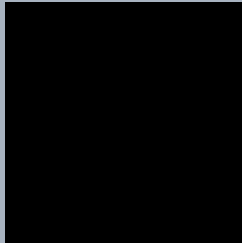
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

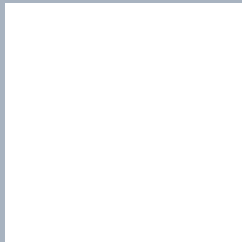
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3708, 0.2935, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 44.3708, 0.2935, 0.3116.

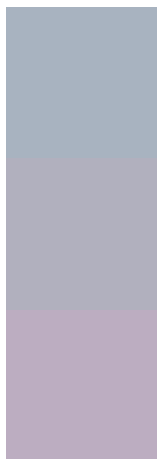


This preview shows how white text looks on a background with the Yxy color 44.3708, 0.2935, 0.3116.

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

44.3708, 0.2935, 0.3116

Protanopia

44.1155, 0.3024, 0.3106

Deuteranopia

44.4288, 0.3095, 0.3035



Tritanopia

44.4153, 0.2927, 0.3103

Trichromacy



Original Color

44.3708, 0.2935, 0.3116

Protanomaly

44.2045, 0.2991, 0.3105

Deuteranomaly

44.3340, 0.3035, 0.3057

Tritanomaly

44.4153, 0.2927, 0.3103

Monochromacy



Original Color

44.3708, 0.2935, 0.3116

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.2169, 0.3061, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3708, 0.2935, 0.3116 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(168, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 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(168, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.3708, 0.2935, 0.3116 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(168, 179, 192) }
```

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

```
.border{ border-color:rgb(168, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3708, 0.2935, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 192) }
```

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

```
.background{ background-color: rgb(168,  
179, 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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