Converting Colors

Yxy(40.1521, 0.2891, 0.3229)

Have a look what the booklet for Yxy(40.1521, 0.2891, 0.3229) contains.

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Color

Yxy(40.0108, 0.2883, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	96AEB3
RGB	150, 174, 179
RGB Percent	59%, 68%, 70%
CMY	0.4119, 0.3176, 0.2981
CMYK	0.16, 0.03, 0.00, 0.30
HSL	190°, 16%, 65%
HSV	190°, 16%, 70%
XYZ	35.8456, 40.0108, 48.4780
YIQ	167.3940, -15.9090, -3.5330

Conversions

Conversions Part 2

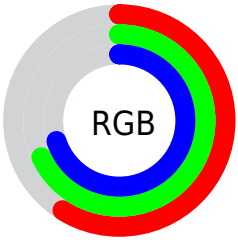
Format	Color
RYB	150, 163, 179
Decimal	9875123
CIELab	69.48, -7.19, -5.34
CIELCh	69, 8.959, 216.618
Yxy	40.0108, 0.2883, 0.3218
Android (android.graphics.Color)	4288065203 (0xFF96AEB3)
YUV	167.3940, 5.7218, -15.2545
Hunter-Lab	63.2541, -9.5401, -1.1620

Details

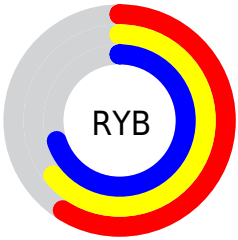
The Yxy color 40.0108, 0.2883, 0.3218 is a light color, and the websafe version is hex 999999. A complement of this color would be 35.2112, 0.3418, 0.3361, and the grayscale version is 38.8213, 0.3127, 0.3290.

A 20% lighter version of the original color is 74.8742, 0.2924, 0.3224, and 18.0781, 0.2817, 0.3209 is the 20% darker color. If you saturate the color by 10%, you get 37.2686, 0.2739, 0.3168, and if you desaturate by 10%, it is 43.0428, 0.3033, 0.3264.

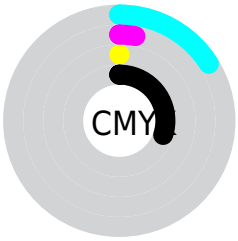
Distribution



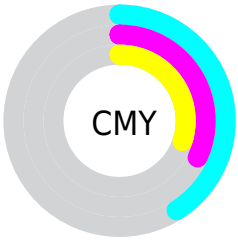
- Red (59%)
- Green (68%)
- Blue (70%)



- Red (59%)
- Yellow (64%)
- Blue (70%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0108, 0.2883, 0.3218 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 40.0108, 0.2883, 0.3218 by changing the saturation by 10% instead.

40.0108, 0.2883, 0.3218

346.1691, 0.3007, 0.3256

75.1800, 0.2929, 0.3232

98.6541, 0.2946, 0.3238

126.5671, 0.2960, 0.3242

159.3033, 0.2972, 0.3246

197.2473, 0.2983, 0.3249

240.7833, 0.2992,

40.0108, 0.2883, 0.3218

27.5470, 0.2851, 0.3208

17.9844, 0.2810, 0.3194

10.9388, 0.2754, 0.3176

6.0257, 0.2675, 0.3148

2.8607, 0.2553, 0.3103

1.0595, 0.2342, 0.3019

0.0000, 0.0000,

0.3252

0.0000

290.2958, 0.3000, 0.3254

40.0108, 0.2883, 0.3218

40.0108, 0.2883, 0.3218

37.2686, 0.2739, 0.3168

43.0428, 0.3033, 0.3264

34.7994, 0.2603, 0.3115

46.3709, 0.3185, 0.3305

32.5919, 0.2479, 0.3059

50.0072, 0.3337, 0.3343

30.6323, 0.2368, 0.3000

53.9617, 0.3488, 0.3376

28.9053, 0.2275, 0.2940

58.2439, 0.3635, 0.3406

27.3935, 0.2200, 0.2879

26.0769, 0.2144, 0.2818

24.9292, 0.2105, 0.2757

24.5180, 0.2093, 0.2734

62.4112, 0.3758, 0.3432

63.7789, 0.3748, 0.3464

65.1750, 0.3739, 0.3496

66.5996, 0.3730, 0.3527

Harmonies

Analogous

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

40.0108, 0.2949, 0.3339

40.0108, 0.2883, 0.3218

40.0108, 0.2881, 0.3120

Triad

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

40.0108, 0.2883, 0.3218

40.0108, 0.3188, 0.3140

40.0108, 0.3312, 0.3514

Complementary

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

40.0108, 0.2883, 0.3218

35.2112, 0.3418, 0.3361

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.

40.0108, 0.3379, 0.3454

40.0108, 0.2883, 0.3218

40.0108, 0.3307, 0.3239

Square

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

40.0108, 0.2883, 0.3218

40.0108, 0.3055, 0.3078

40.0108, 0.3378, 0.3354

40.0108, 0.3196, 0.3513

Rectangle

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

40.0108, 0.2883, 0.3218

40.0108, 0.2916, 0.3081

40.0108, 0.3378, 0.3354

40.0108, 0.3341, 0.3500

Sweetspot

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

40.0125, 0.2883, 0.3218

77.7406, 0.3050, 0.3269

41.0794, 0.3069, 0.3645

17.1352, 0.3039, 0.3266

91.1408, 0.3127, 0.3290

17.8868, 0.3127, 0.3290

Same Dimension

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

40.0125, 0.2883, 0.3218

70.0857, 0.2837, 0.3203

34.7544, 0.2874, 0.3007

9.3783, 0.2986, 0.3250

17.4101, 0.2095, 0.2741

0.6132, 0.2142, 0.2910

Inverse Universe

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

34.4428, 0.3192, 0.2961

58.5217, 0.3207, 0.2896

40.2793, 0.3386, 0.3558

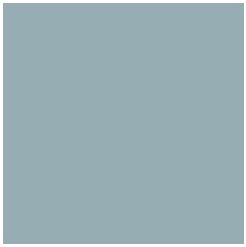
8.6212, 0.3163, 0.3103

8.2977, 0.3689, 0.1806

0.2677, 0.3534, 0.1721

Previews

White Background



This preview shows how the Yxy color 40.0108, 0.2883, 0.3218 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 40.0108, 0.2883, 0.3218 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 40.0108, 0.2883, 0.3218

Background

This preview shows how black text looks on a background with the Yxy color 40.0108, 0.2883, 0.3218.

This preview shows how white text looks on a background with the Yxy color 40.0108, 0.2883, 0.3218.

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
40.0108, 0.2883, 0.3218

Protanopia
39.7978, 0.3087, 0.3180

Deuteranopia
39.7109, 0.3138, 0.3064

Tritanopia
40.0543, 0.2831, 0.3092

Trichromacy

Original Color
40.0108, 0.2883, 0.3218

Protanomaly
39.7103, 0.3007, 0.3192

Deuteranomaly
39.8466, 0.3045, 0.3125

Tritanomaly
39.9271, 0.2853, 0.3133

Monochromacy

Original Color
40.0108, 0.2883, 0.3218

Achromatopsia
38.6429, 0.3127, 0.3290

Achromatomaly
39.2668, 0.3038, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0108, 0.2883, 0.3218 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(150, 174, 179) looks like.

```
.text, #text, p{
    color:rgb(150, 174, 179)
}
```

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(150, 174, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 174, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.0108, 0.2883, 0.3218 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(150, 174, 179) }
```

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

```
.border{ border-color:rgb(150, 174, 179) }
```

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

Here you see how a box with a 4 pixel rgb(150, 174, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 174, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 174, 179); box-shadow:4px 4px 4px 4px rgb(150, 174, 179) }
```

Background

The CSS property to change the background color of an element to Yxy 40.0108, 0.2883, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(150, 174, 179) }
```

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

```
.background{ background-color:rgb(150, 174, 179) }
```

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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