Converting Colors

Yxy(8.3439, 0.3090, 0.3136)

Have a look what the booklet for Yxy(8.3439, 0.3090, 0.3136) contains.

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Color

Yxy(8.2940, 0.3099, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	545056
RGB	84, 80, 86
RGB Percent	33%, 31%, 34%
CMY	0.6706, 0.6863, 0.6627
CMYK	0.02, 0.07, 0.00, 0.66
HSL	280°, 4%, 33%
HSV	280°, 7%, 34%
XYZ	8.2040, 8.2940, 9.9750
YIQ	81.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

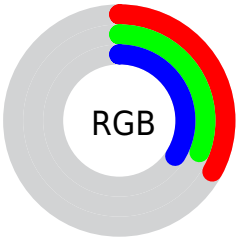
Format	Color
RYB	84, 80, 86
Decimal	5525590
CIELab	34.59, 2.92, -2.94
CIELCh	35, 4.142, 314.792
Yxy	8.2940, 0.3099, 0.3133
Android (android.graphics.Color)	4283715670 (0xFF545056)
YUV	81.8800, 2.0312, 1.8592
Hunter-Lab	28.7993, 0.4501, -0.3764

Details

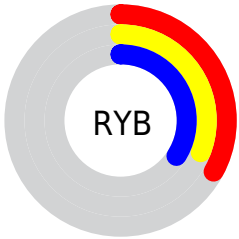
The Yxy color 8.2940, 0.3099, 0.3133 is a dark color, and the websafe version is hex 666666. A complement of this color would be 9.0320, 0.3154, 0.3449, and the grayscale version is 8.4082, 0.3127, 0.3290.

A 20% lighter version of the original color is 22.4646, 0.3098, 0.3168, and 1.8532, 0.3073, 0.3049 is the 20% darker color. If you saturate the color by 10%, you get 6.9833, 0.3053, 0.2896, and if you desaturate by 10%, it is 9.7722, 0.3138, 0.3355.

Distribution

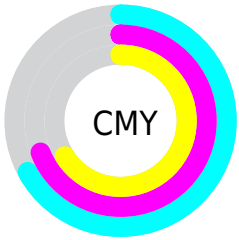


- Red (33%)
- Green (31%)
- Blue (34%)



- Red (33%)
- Yellow (31%)
- Blue (34%)

- Cyan (2%)
- Magenta (7%)
- Yellow (0%)
- Black (66%)



- Cyan (67%)
- Magenta (69%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 8.2940, 0.3099, 0.3133 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 8.2940, 0.3099, 0.3133 by changing the saturation by 10% instead.

8.2940, 0.3099, 0.3133

8.2940, 0.3099, 0.3133

178.0201, 0.3117, 0.3233

4.2836, 0.3092, 0.3095

22.5328, 0.3107, 0.3177

1.8335, 0.3079, 0.3034

33.5301, 0.3110, 0.3191

0.5079, 0.3043, 0.2790

47.6251, 0.3112, 0.3202

0.0000, 0.0000, 0.0000

65.2022, 0.3113, 0.3210

86.6459, 0.3115, 0.3217

112.3405, 0.3116,

0.3223

142.6705, 0.3117, 0.3229

8.2940, 0.3099, 0.3133

8.2940, 0.3099, 0.3133

6.9833, 0.3053, 0.2896

9.7722, 0.3138, 0.3355

5.8329, 0.2999, 0.2649

11.4228, 0.3171, 0.3562

4.8367, 0.2938, 0.2395

13.2515, 0.3199, 0.3752

3.9877, 0.2869, 0.2141

15.2637, 0.3221, 0.3926

3.2784, 0.2793, 0.1896

17.4644, 0.3239, 0.4084

2.7004, 0.2713, 0.1668

19.8585, 0.3254, 0.4227

2.2449, 0.2629, 0.1468

22.4507, 0.3266, 0.4356

1.9014, 0.2545, 0.1303

25.2455, 0.3275, 0.4473

1.6247, 0.2460, 0.1160

28.2473, 0.3282, 0.4579

Harmonies

Analogous

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

8.2940, 0.3004, 0.3115

8.2940, 0.3099, 0.3133

8.2940, 0.3203, 0.3191

Triad

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

8.2940, 0.3099, 0.3133

8.2940, 0.3315, 0.3436

8.2940, 0.2969, 0.3303

Complementary

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

8.2940, 0.3099, 0.3133

9.0320, 0.3154, 0.3449

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.

8.2940, 0.3050, 0.3392

8.2940, 0.3099, 0.3133

8.2940, 0.3250, 0.3469

Square

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

8.2940, 0.3099, 0.3133

8.2940, 0.3329, 0.3364

8.2940, 0.3153, 0.3454

8.2940, 0.2930, 0.3211

Rectangle

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

8.2940, 0.3099, 0.3133

8.2940, 0.3263, 0.3245

8.2940, 0.3153, 0.3454

8.2940, 0.2992, 0.3334

Sweetspot

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

8.2944, 0.3099, 0.3133

15.7250, 0.3119, 0.3244

8.4286, 0.3030, 0.3186

3.8495, 0.3120, 0.3249

47.7000, 0.3127, 0.3290

3.9682, 0.3127, 0.3290

Same Dimension

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

8.2944, 0.3099, 0.3133

14.1817, 0.3093, 0.3103

8.3747, 0.3149, 0.3158

2.1189, 0.3091, 0.3091

2.4031, 0.2413, 0.1103

12.9949, 0.2363, 0.1075

Inverse Universe

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

8.3267, 0.3201, 0.3237

14.2488, 0.3215, 0.3227

8.9559, 0.3106, 0.3426

2.1297, 0.3221, 0.3223

3.2600, 0.5501, 0.2804

18.1599, 0.5664, 0.2894

Previews

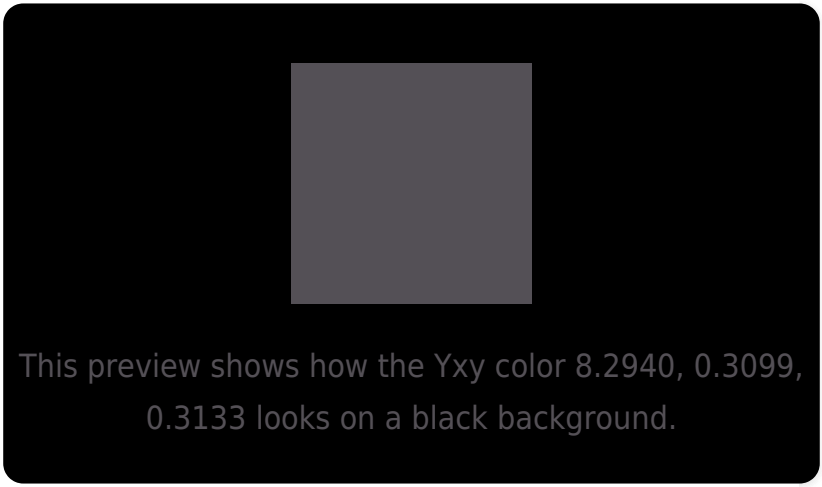
White Background

This preview shows how the Yxy color 8.2940, 0.3099, 0.3133 looks on a white 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

Black Background



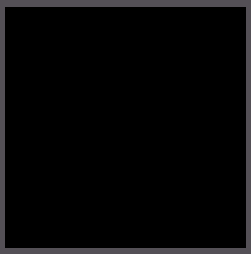
This preview shows how the Yxy color 8.2940, 0.3099, 0.3133 looks on a black background.

Color Contrast Check

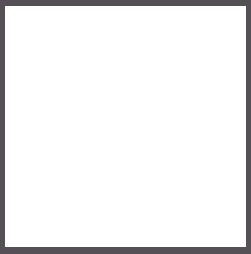
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Yxy 8.2940, 0.3099, 0.3133 Background



This preview shows how black text looks on a background with the Yxy color 8.2940, 0.3099, 0.3133.



This preview shows how white text looks on a background with the Yxy color 8.2940, 0.3099, 0.3133.

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
8.2940, 0.3099, 0.3133

Protanopia
8.3223, 0.3031, 0.3131

Deuteranopia
8.2901, 0.3153, 0.3110

Tritanopia
8.2940, 0.3099, 0.3133

Trichromacy

Original Color
8.2940, 0.3099, 0.3133

Protanomaly
8.3668, 0.3048, 0.3132

Deuteranomaly
8.2423, 0.3136, 0.3109

Tritanomaly
8.2940, 0.3099, 0.3133

Monochromacy

Original Color
8.2940, 0.3099, 0.3133

Achromatopsia
8.4376, 0.3127, 0.3290

Achromatomaly
8.3484, 0.3130, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 8.2940, 0.3099, 0.3133 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(84, 80, 86) looks like.

```
.text, #text, p{
    color:rgb(84, 80, 86)
}
```

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(84, 80, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 80, 86) }
```

Border

The CSS property to change the border of an element to Yxy 8.2940, 0.3099, 0.3133 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(84, 80, 86) }
```

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

```
.border{ border-color:rgb(84, 80, 86) }
```

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

Here you see how a box with a 4 pixel rgb(84, 80, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(84, 80, 86); -webkit-box-shadow:4px 4px 4px 4px rgb(84, 80, 86); box-shadow:4px 4px 4px 4px rgb(84, 80, 86) }
```

Background

The CSS property to change the background color of an element to Yxy 8.2940, 0.3099, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(84, 80, 86) }
```

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

```
.background{ background-color:rgb(84, 80,
86) }
```

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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