Converting Colors

Yxy(19.3320, 0.2894, 0.3240)

Have a look what the booklet for Yxy(19.3320, 0.2894, 0.3240) contains.

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Color

Yxy(19.3253, 0.2898, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	6B7D7F
RGB	107, 125, 127
RGB Percent	42%, 49%, 50%
CMY	0.5802, 0.5098, 0.5019
CMYK	0.16, 0.02, 0.00, 0.50
HSL	186°, 9%, 46%
HSV	186°, 16%, 50%
XYZ	17.2322, 19.3253, 22.9049
YIQ	119.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

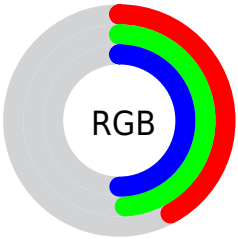
Format	Color
RYB	107, 116, 127
Decimal	7044479
CIELab	51.07, -6.09, -3.32
CIELCh	51, 6.931, 208.587
Yxy	19.3253, 0.2898, 0.3250
Android (android.graphics.Color)	4285234559 (0xFF6B7D7F)
YUV	119.8460, 3.5269, -11.2659
Hunter-Lab	43.9606, -6.9602, -0.1197

Details

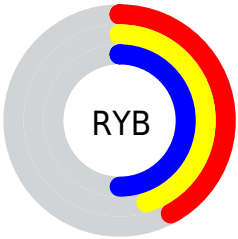
The Yxy color 19.3253, 0.2898, 0.3250 is a dark color, and the websafe version is hex 666666. A complement of this color would be 16.5270, 0.3402, 0.3330, and the grayscale version is 18.7247, 0.3127, 0.3290.

A 20% lighter version of the original color is 42.5070, 0.2951, 0.3262, and 6.6487, 0.2798, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 18.2718, 0.2760, 0.3222, and if you desaturate by 10%, it is 20.5003, 0.3042, 0.3276.

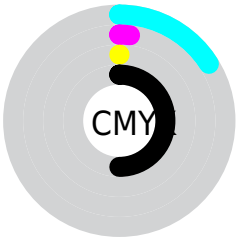
Distribution



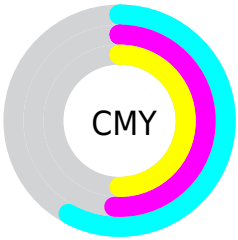
- Red (42%)
- Green (49%)
- Blue (50%)



- Red (42%)
- Yellow (45%)
- Blue (50%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (50%)



- Cyan (58%)
- Magenta (51%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3253, 0.2898, 0.3250 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 19.3253, 0.2898, 0.3250 by changing the saturation by 10% instead.

19.3253, 0.2898, 0.3250

248.2388, 0.3029, 0.3274

42.2831, 0.2950, 0.3260

58.5899, 0.2968, 0.3263

78.6278, 0.2983, 0.3266

102.7814, 0.2995, 0.3268

131.4348, 0.3006, 0.3270

164.9726, 0.3014,

19.3253, 0.2898, 0.3250

11.9056, 0.2858, 0.3242

6.6794, 0.2803, 0.3231

3.2624, 0.2717, 0.3212

1.2702, 0.2572, 0.3177

0.1180, 0.0000, 0.2467

0.0000, 0.0000, 0.0000

0.3271

203.7791, 0.3022, 0.3273

19.3253, 0.2898, 0.3250

18.2718, 0.2760, 0.3222

17.3324, 0.2632, 0.3192

16.5024, 0.2516, 0.3161

15.7760, 0.2414, 0.3128

15.1467, 0.2328, 0.3094

19.3253, 0.2898, 0.3250

20.5003, 0.3042, 0.3276

21.7991, 0.3191, 0.3300

23.2270, 0.3341, 0.3322

24.7882, 0.3491, 0.3341

26.4868, 0.3639, 0.3358

14.6075, 0.2260, 0.3061

14.1500, 0.2209, 0.3027

13.7606, 0.2175, 0.2993

13.6008, 0.2161, 0.2979

28.3266, 0.3783, 0.3373

30.3114, 0.3923, 0.3387

32.4446, 0.4057, 0.3398

34.7299, 0.4184, 0.3408

Harmonies

Analogous

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

19.3253, 0.2978, 0.3370

19.3253, 0.2898, 0.3250

19.3253, 0.2878, 0.3145

Triad

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

19.3253, 0.2898, 0.3250

19.3253, 0.3152, 0.3121

19.3253, 0.3333, 0.3500

Complementary

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

19.3253, 0.2898, 0.3250

16.5270, 0.3402, 0.3330

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.

19.3253, 0.3382, 0.3429

19.3253, 0.2898, 0.3250

19.3253, 0.3277, 0.3211

Square

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

19.3253, 0.2898, 0.3250

19.3253, 0.3023, 0.3074

19.3253, 0.3362, 0.3323

19.3253, 0.3228, 0.3516

Rectangle

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

19.3253, 0.2898, 0.3250

19.3253, 0.2902, 0.3097

19.3253, 0.3362, 0.3323

19.3253, 0.3357, 0.3482

Sweetspot

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

19.3261, 0.2898, 0.3250

36.8367, 0.3051, 0.3278

19.4158, 0.3087, 0.3650

8.5937, 0.3043, 0.3276

65.5931, 0.3127, 0.3290

8.8982, 0.3127, 0.3290

Same Dimension

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

19.3261, 0.2898, 0.3250

33.8720, 0.2846, 0.3240

16.9299, 0.2891, 0.3052

4.8148, 0.2993, 0.3268

13.7126, 0.2161, 0.2979

0.0000, 0.0000, 0.0000

Inverse Universe

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

16.5180, 0.3170, 0.2955

27.8301, 0.3181, 0.2874

18.7753, 0.3374, 0.3517

4.4051, 0.3151, 0.3098

5.7788, 0.3473, 0.1687

0.0000, 0.0000, 0.0000

Previews

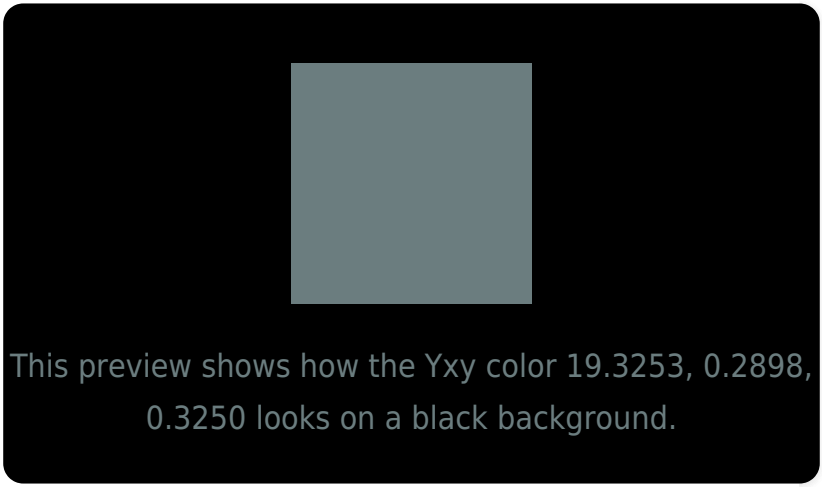
White Background

This preview shows how the Yxy color 19.3253, 0.2898, 0.3250 looks on a white background.

Color Contrast Check

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

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 ✕ Fail

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

Yxy 19.3253, 0.2898, 0.3250

Background

This preview shows how black text looks on a background with the Yxy color 19.3253, 0.2898, 0.3250.

This preview shows how white text looks on a background with the Yxy color 19.3253, 0.2898, 0.3250.

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
19.3253, 0.2898, 0.3250

Protanopia
19.3409, 0.3117, 0.3234

Deuteranopia
19.2612, 0.3161, 0.3109

Tritanopia
19.3247, 0.2837, 0.3098

Trichromacy

Original Color
19.3253, 0.2898, 0.3250

Protanomaly
19.1816, 0.3033, 0.3233

Deuteranomaly
19.3708, 0.3060, 0.3160

Tritanomaly
19.2421, 0.2867, 0.3155

Monochromacy

Original Color
19.3253, 0.2898, 0.3250

Achromatopsia
18.7821, 0.3127, 0.3290

Achromatomaly
18.9940, 0.3031, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3253, 0.2898, 0.3250 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(107, 125, 127) looks like.

```
.text, #text, p{
    color:rgb(107, 125, 127)
}
```

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(107, 125, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 125, 127) }
```

Border

The CSS property to change the border of an element to Yxy 19.3253, 0.2898, 0.3250 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(107, 125, 127) }
```

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

```
.border{ border-color:rgb(107, 125, 127) }
```

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

Here you see how a box with a 4 pixel rgb(107, 125, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 125, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 125, 127); box-shadow:4px 4px 4px 4px rgb(107, 125, 127) }
```

Background

The CSS property to change the background color of an element to Yxy 19.3253, 0.2898, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(107, 125, 127) }
```

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

```
.background{ background-color:rgb(107,
125, 127) }
```

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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