

Converting Colors

$Y_{xy}(18.3747, 0.2981, 0.3259)$

Have a look what the booklet for
Yxy(18.3747, 0.2981, 0.3259)
contains.

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Color

Yxy(18.3949, 0.2983, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	6E797A
RGB	110, 121, 122
RGB Percent	43%, 47%, 48%
CMY	0.5686, 0.5255, 0.5216
CMYK	0.10, 0.01, 0.00, 0.52
HSL	185°, 5%, 45%
HSV	185°, 10%, 48%
XYZ	16.7804, 18.3949, 21.0782
YIQ	117.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

Format	Color
R_{YB}	110, 116, 122
Decimal	7240058
CIE _{Lab}	49.97, -3.87, -1.95
CIE _{LCh}	50, 4.331, 206.799
Yxy	18.3949, 0.2983, 0.3270
Android (android.graphics.Color)	4285430138 (0xFF6E797A)
YUV	117.8250, 2.0583, -6.8625
Hunter-Lab	42.8893, -5.2181, 0.8841

Details

The Yxy color **18.3949, 0.2983, 0.3270** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.6313, 0.3289, 0.3310**, and the grayscale version is **18.0545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6245, 0.3022, 0.3276**, and **6.2703, 0.2923, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **17.4213, 0.2842, 0.3248**, and if you desaturate by 10%, it is **19.4804, 0.3130, 0.3290**.

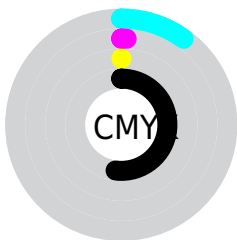
Distribution



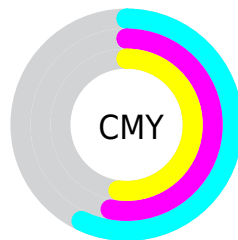
- Red (43%)
- Green (47%)
- Blue (48%)



- Red (43%)
- Yellow (45%)
- Blue (48%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (52%)





- Cyan (57%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3949, 0.2983, 0.3270 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 18.3949, 0.2983, 0.3270 by changing the saturation by 10% instead.


 18.3949, 0.2983,
0.3270


 18.3949, 0.2983,
0.3270


243.0876, 0.3066,
0.3282


 11.2339, 0.2957,
0.3266


 40.7091, 0.3016,
0.3275


 6.2244, 0.2921,
0.3260

 56.6310, 0.3028,
0.3277

 2.9820, 0.2864,
0.3251

 76.2421, 0.3037,
0.3278

 1.1223, 0.2766,
0.3233

 99.9266, 0.3045,
0.3279

 0.0000, 0.0000,
0.0000

128.0690, 0.3051,
0.3280

161.0537, 0.3057,

0.3281

199.2651, 0.3062,
0.3281

■ 18.3949, 0.2983,
0.3270

■ 18.3949, 0.2983,
0.3270

■ 17.4213, 0.2842,
0.3248

■ 19.4804, 0.3130,
0.3290

■ 16.5529, 0.2709,
0.3224

■ 20.6796, 0.3279,
0.3309

■ 15.7857, 0.2587,
0.3200

■ 21.9972, 0.3430,
0.3326

■ 15.1148, 0.2479,
0.3174

■ 23.4369, 0.3579,
0.3340

■ 14.5347, 0.2385,
0.3147

■ 25.0022, 0.3726,
0.3354

■ 14.0392, 0.2309,
0.3120

■ 26.6967, 0.3868,
0.3365

■ 13.6216, 0.2250,
0.3092

■ 28.5235, 0.4006,
0.3375

■ 13.2740, 0.2208,
0.3065

■ 30.4859, 0.4138,
0.3384

■ 12.9697, 0.2178,
0.3038

■ 32.5868, 0.4263,
0.3391

Harmonies

Analogous

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



18.3949, 0.3036, 0.3345



18.3949, 0.2983, 0.3270



18.3949, 0.2968, 0.3202

Triad

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



18.3949, 0.2983, 0.3270



18.3949, 0.3139, 0.3179



18.3949, 0.3261, 0.3422

Complementary

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



18.3949, 0.2983, 0.3270



16.6313, 0.3289, 0.3310

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.



18.3949, 0.3289, 0.3376



18.3949, 0.2983, 0.3270



18.3949, 0.3218, 0.3236

Square

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



18.3949, 0.2983, 0.3270



18.3949, 0.3057, 0.3151



18.3949, 0.3274, 0.3307



18.3949, 0.3197, 0.3433

Rectangle

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



18.3949, 0.2983, 0.3270



18.3949, 0.2981, 0.3170



18.3949, 0.3274, 0.3307



18.3949, 0.3275, 0.3410

Sweetspot

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



18.3957, 0.2983, 0.3270



33.6328, 0.3082, 0.3284



18.3773, 0.3107, 0.3514



7.6585, 0.3071, 0.3283



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



18.3957, 0.2983, 0.3270



31.9255, 0.2948, 0.3265



17.0271, 0.2982, 0.3155



4.4582, 0.2994, 0.3272



13.6441, 0.2177, 0.3037



64.4822, 0.2173, 0.3023

Inverse Universe

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



16.6698, 0.3150, 0.3079



28.1997, 0.3156, 0.3026



17.9393, 0.3277, 0.3422



4.0721, 0.3148, 0.3096



5.5843, 0.3422, 0.1659



26.5767, 0.3434, 0.1665

Previews

White Background



This preview shows how the Yxy color 18.3949, 0.2983, 0.3270 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



This preview shows how the Yxy color 18.3949, 0.2983, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

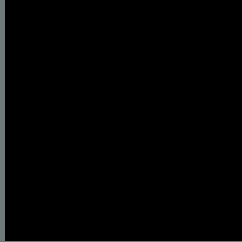
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

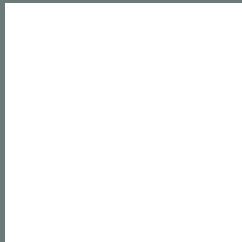
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.3949, 0.2983, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 18.3949, 0.2983, 0.3270.



This preview shows how white text looks on a background with the Yxy color 18.3949, 0.2983, 0.3270.

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

18.3949, 0.2983, 0.3270

Protanopia

18.3060, 0.3129, 0.3252

Deuteranopia

18.2807, 0.3199, 0.3142



Tritanopia

18.3974, 0.2919, 0.3116

Trichromacy



Original Color

18.3949, 0.2983, 0.3270

Protanomaly

18.2871, 0.3067, 0.3251

Deuteranomaly

18.2176, 0.3107, 0.3176

Tritanomaly

18.3188, 0.2951, 0.3173

Monochromacy



Original Color

18.3949, 0.2983, 0.3270

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.1704, 0.3077, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3949, 0.2983, 0.3270 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(110, 121, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 121, 122)  
}
```

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(110, 121, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 121, 122) }
```

Border

The CSS property to change the border of an element to Yxy 18.3949, 0.2983, 0.3270 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(110, 121, 122) }
```

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

```
.border{ border-color:rgb(110, 121, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 121, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 121, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 121, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 121,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3949, 0.2983, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 121, 122) }
```

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

```
.background{ background-color: rgb(110,  
121, 122) }
```

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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