

Converting Colors

$Y_{xy}(23.0074, 0.2917, 0.2959)$

Have a look what the booklet for
Yxy(23.0074, 0.2917, 0.2959)
contains.

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Color

Yxy(23.1804, 0.2922, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	828396
RGB	130, 131, 150
RGB Percent	51%, 51%, 59%
CMY	0.4901, 0.4863, 0.4118
CMYK	0.13, 0.13, 0.00, 0.41
HSL	237°, 9%, 55%
HSV	237°, 13%, 59%
XYZ	22.8288, 23.1804, 32.1182
YIQ	132.8670, -6.6950, 5.6970

Conversions

Conversions Part 2

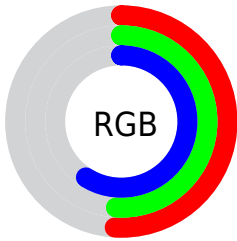
Format	Color
RYB	130, 131, 150
Decimal	8553366
CIELab	55.26, 3.66, -10.28
CIElCh	55, 10.909, 289.591
Yxy	23.1804, 0.2922, 0.2967
Android (android.graphics.Color)	4286743446 (0xFF828396)
YUV	132.8670, 8.4466, -2.5144
Hunter-Lab	48.1460, 0.3817, -5.8501

Details

The Yxy color $23.1804, 0.2922, 0.2967$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.5933, 0.3322, 0.3594$, and the grayscale version is $23.3765, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.7079, 0.2967, 0.3039$, and $8.6848, 0.2852, 0.2859$ is the 20% darker color. If you saturate the color by 10%, you get $18.5081, 0.2747, 0.2689$, and if you desaturate by 10%, it is $28.5553, 0.3079, 0.3215$.

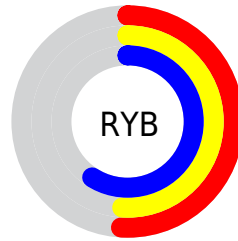
Distribution



Red (51%)

Green (51%)

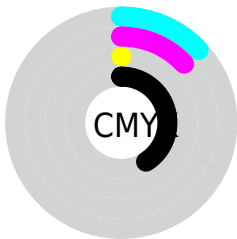
Blue (59%)



Red (51%)

Yellow (51%)

Blue (59%)

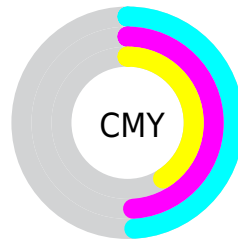


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (41%)



Cyan (49%)

Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.1804, 0.2922, 0.2967 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 23.1804, 0.2922, 0.2967 by changing the saturation by 10% instead.

■ 23.1804, 0.2922,
0.2967

■ 23.1804, 0.2922,
0.2967

268.6502, 0.3037,
0.3145

■ 14.7268, 0.2889,
0.2916

■ 48.6894, 0.2967,
0.3036

■ 8.6279, 0.2842,
0.2847

■ 66.5135, 0.2983,
0.3061

■ 4.4993, 0.2774,
0.2745

■ 88.2299, 0.2996,
0.3081

■ 1.9566, 0.2663,
0.2585

114.2230, 0.3007,
0.3098

■ 0.5821, 0.2442,
0.2212

144.8772, 0.3016,
0.3112

■ 0.0000, 0.0000,
0.0000

180.5769, 0.3024,

0.3125

221.7064, 0.3031,
0.3136

■ 23.1804, 0.2922,
0.2967

■ 23.1804, 0.2922,
0.2967

■ 18.5081, 0.2747,
0.2689

■ 28.5553, 0.3079,
0.3215

■ 14.5066, 0.2555,
0.2382

■ 34.6571, 0.3218,
0.3432

■ 11.1459, 0.2353,
0.2055

■ 41.5125, 0.3340,
0.3621

■ 8.3929, 0.2147,
0.1720

■ 49.1460, 0.3445,
0.3784

■ 6.2111, 0.1951,
0.1396

■ 57.5810, 0.3537,
0.3925

■ 4.5604, 0.1778,
0.1106

■ 66.8398, 0.3616,
0.4047

■ 3.3953, 0.1642,
0.0871

■ 76.9441, 0.3685,
0.4151

■ 2.6629, 0.1552,
0.0709

■ 87.9145, 0.3745,
0.4242

■ 2.3602, 0.1511,
0.0639

■ 94.9815, 0.3745,
0.4311

Harmonies

Analogous

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



23.1804, 0.2798, 0.3001



23.1804, 0.2922, 0.2967



23.1804, 0.3104, 0.3014

Triad

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



23.1804, 0.2922, 0.2967



23.1804, 0.3509, 0.3448



23.1804, 0.2954, 0.3458

Complementary

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



23.1804, 0.2922, 0.2967



29.5933, 0.3322, 0.3594

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.



23.1804, 0.3141, 0.3588



23.1804, 0.2922, 0.2967



23.1804, 0.3464, 0.3576

Square

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



23.1804, 0.2922, 0.2967



23.1804, 0.3447, 0.3286



23.1804, 0.3329, 0.3630



23.1804, 0.2816, 0.3282

Rectangle

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



23.1804, 0.2922, 0.2967



23.1804, 0.3235, 0.3085



23.1804, 0.3329, 0.3630



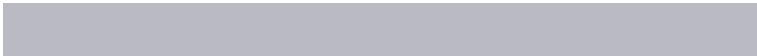
23.1804, 0.3013, 0.3509

Sweetspot

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



23.1814, 0.2922, 0.2967



49.6287, 0.3068, 0.3197



28.7249, 0.2939, 0.3306



10.8442, 0.3057, 0.3180



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



23.1814, 0.2922, 0.2967



38.3104, 0.2871, 0.2886



23.6629, 0.3019, 0.2960



5.6756, 0.2989, 0.3073



1.9720, 0.1512, 0.0643



0.0331, 0.1569, 0.0849

Inverse Universe

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



24.0931, 0.3351, 0.3275



40.2548, 0.3412, 0.3271



29.0830, 0.3225, 0.3618



5.8197, 0.3275, 0.3280



5.3924, 0.6328, 0.3260



0.0669, 0.5992, 0.3074

Previews

White Background



This preview shows how the Yxy color 23.1804, 0.2922, 0.2967 looks on a white background.

Color Contrast Check

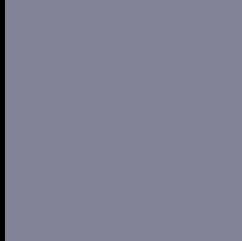
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1804, 0.2922, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

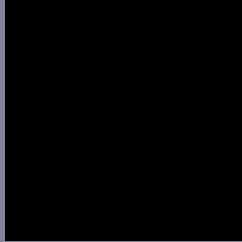
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

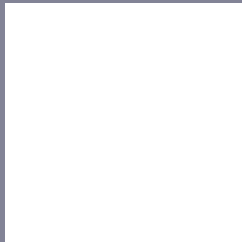
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.1804, 0.2922, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 23.1804, 0.2922, 0.2967.



This preview shows how white text looks on a background with the Yxy color 23.1804, 0.2922, 0.2967.

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

23.1804, 0.2922, 0.2967

Protanopia

23.1017, 0.2911, 0.2966

Deuteranopia

23.2209, 0.2997, 0.2940



Tritanopia

23.1528, 0.2980, 0.3100

Trichromacy



Original Color

23.1804, 0.2922, 0.2967

Protanomaly

23.1017, 0.2911, 0.2966

Deuteranomaly

23.2356, 0.2964, 0.2954

Tritanomaly

23.2450, 0.2951, 0.3049

Monochromacy



Original Color

23.1804, 0.2922, 0.2967

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.2721, 0.3054, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1804, 0.2922, 0.2967 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(130, 131, 150)` looks like.

```
.text, #text, p{  
    color:rgb(130, 131, 150)  
}
```

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(130, 131, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 131, 150) }
```

Border

The CSS property to change the border of an element to Yxy 23.1804, 0.2922, 0.2967 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(130, 131, 150) }
```

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

```
.border{ border-color:rgb(130, 131, 150) }
```

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

Here you see how a box with a 4 pixel rgb(130, 131, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 131, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 131, 150);  
box-shadow:4px 4px 4px 4px rgb(130, 131,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1804, 0.2922, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 131, 150) }
```

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

```
.background{ background-color: rgb(130,  
131, 150) }
```

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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