

Converting Colors

$Y_{xy}(18.8653, 0.3723, 0.3346)$

Have a look what the booklet for
Yxy(18.8653, 0.3723, 0.3346)
contains.

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Color

Yxy(18.7927, 0.3734, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	976E6B
RGB	151, 110, 107
RGB Percent	59%, 43%, 42%
CMY	0.4079, 0.5686, 0.5804
CMYK	0.00, 0.27, 0.29, 0.41
HSL	4°, 17%, 51%
HSV	4°, 29%, 59%
XYZ	20.9907, 18.7927, 16.4317
YIQ	121.9170, 25.3990, 7.7590

Conversions

Conversions Part 2

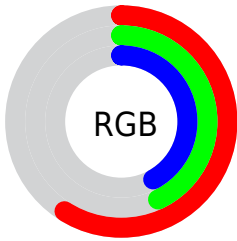
Format	Color
R_{YB}	151, 110, 107
Decimal	9924203
CIE _{Lab}	50.44, 15.83, 8.08
CIE _{LCh}	50, 17.773, 27.032
Yxy	18.7927, 0.3734, 0.3343
Android (android.graphics.Color)	4288114283 (0xFF976E6B)
YUV	121.9170, -7.3541, 25.5058
Hunter-Lab	43.3505, 10.5678, 7.8720

Details

The Yxy color **18.7927, 0.3734, 0.3343** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5343, 0.2712, 0.3236**, and the grayscale version is **19.4522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4311, 0.3593, 0.3342**, and **6.4241, 0.3998, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **15.7044, 0.4039, 0.3362**, and if you desaturate by 10%, it is **22.4202, 0.3483, 0.3324**.

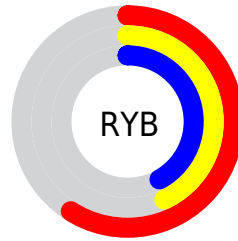
Distribution



Red (59%)

Green (43%)

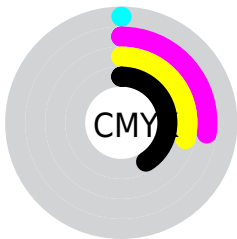
Blue (42%)



Red (59%)

Yellow (43%)

Blue (42%)

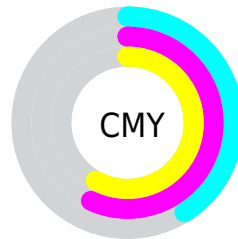


Cyan (0%)

Magenta (27%)

Yellow (29%)

Black (41%)



Cyan (41%)


Magenta (57%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7927, 0.3734, 0.3343 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 18.7927, 0.3734, 0.3343 by changing the saturation by 10% instead.


 18.7927, 0.3734,
0.3343


 18.7927, 0.3734,
0.3343


245.3019, 0.3382,
0.3319


 11.5206, 0.3843,
0.3347


 41.3835, 0.3592,
0.3335


 6.4181, 0.4000,
0.3349


 57.4710, 0.3543,
0.3332

 3.1010, 0.4242,
0.3346

 77.2657, 0.3503,
0.3329

 1.1847, 0.4696,
0.3344

 101.1521, 0.3471,
0.3327

 0.0491, 0.8981,
0.1019

129.5145, 0.3443,
0.3325

 0.0000, 0.0000,
0.0000

162.7374, 0.3420,

0.3322

201.2051, 0.3400,
0.3321

■ 18.7927, 0.3734,
0.3343

■ 18.7927, 0.3734,
0.3343

■ 15.7044, 0.4039,
0.3362

■ 22.4202, 0.3483,
0.3324

■ 13.1270, 0.4402,
0.3379

■ 26.6082, 0.3280,
0.3306

■ 11.0338, 0.4819,
0.3392


■ 31.3798, 0.3114,
0.3289


■ 9.3945, 0.5268,
0.3396


■ 36.7563, 0.2979,
0.3273

■ 8.1755, 0.5705,
0.3389


■ 42.7579, 0.2869,
0.3259


 7.3383, 0.6068,
0.3369

 49.4038, 0.2779,
0.3246

 6.8330, 0.6319,
0.3349

 56.7123, 0.2704,
0.3235

 6.8021, 0.6338,
0.3349

 64.7011, 0.2642,
0.3225

 73.3872, 0.2589,
0.3215

Harmonies

Analogous

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



18.7927, 0.3499, 0.3073



18.7927, 0.3734, 0.3343



18.7927, 0.3795, 0.3614

Triad

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



18.7927, 0.3734, 0.3343



18.7927, 0.3061, 0.3780



18.7927, 0.2601, 0.2763

Complementary

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



18.7927, 0.3734, 0.3343



26.5343, 0.2712, 0.3236

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.



18.7927, 0.2500, 0.2916



18.7927, 0.3734, 0.3343



18.7927, 0.2755, 0.3512

Square

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



18.7927, 0.3734, 0.3343



18.7927, 0.3395, 0.3892



18.7927, 0.2555, 0.3188



18.7927, 0.2839, 0.2748

Rectangle

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



18.7927, 0.3734, 0.3343



18.7927, 0.3729, 0.3764



18.7927, 0.2555, 0.3188



18.7927, 0.2551, 0.2799

Sweetspot

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



18.7936, 0.3734, 0.3343



47.6209, 0.3281, 0.3306



19.2342, 0.3196, 0.2630



10.5789, 0.3306, 0.3308



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



18.7936, 0.3734, 0.3343



29.9218, 0.3928, 0.3356



24.1228, 0.3634, 0.3706



6.2871, 0.3282, 0.3306



5.8052, 0.6333, 0.3354



0.1026, 0.6025, 0.3598

Inverse Universe

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



26.5343, 0.2712, 0.3236



46.1094, 0.2629, 0.3223



20.2979, 0.2670, 0.2835



6.9543, 0.2989, 0.3274



18.0440, 0.2189, 0.3080



0.2884, 0.2217, 0.3180

Previews

White Background



This preview shows how the Yxy color 18.7927, 0.3734, 0.3343 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 18.7927, 0.3734, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

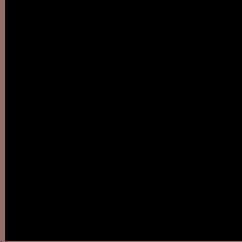
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7927, 0.3734, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 18.7927, 0.3734, 0.3343.



This preview shows how white text looks on a background with the Yxy color 18.7927, 0.3734, 0.3343.

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

18.7927, 0.3734, 0.3343

Protanopia

18.8879, 0.3272, 0.3442

Deuteranopia

18.8498, 0.3531, 0.3473



Tritanopia

18.8970, 0.3613, 0.3157

Trichromacy



Original Color

18.7927, 0.3734, 0.3343

Protanomaly

18.6849, 0.3439, 0.3401

Deuteranomaly

18.8260, 0.3607, 0.3434

Tritanomaly

18.8049, 0.3669, 0.3224

Monochromacy



Original Color

18.7927, 0.3734, 0.3343

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.2278, 0.3332, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7927, 0.3734, 0.3343 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(151, 110, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 110, 107)  
}
```

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(151, 110, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 110, 107) }
```

Border

The CSS property to change the border of an element to Yxy 18.7927, 0.3734, 0.3343 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(151, 110, 107) }
```

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

```
.border{ border-color:rgb(151, 110, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 110, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 110, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 110, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 110,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7927, 0.3734, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 110, 107) }
```

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

```
.background{ background-color: rgb(151,  
110, 107) }
```

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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