

Converting Colors

$Y_{xy}(19.3921, 0.3675, 0.3412)$

Have a look what the booklet for
Yxy(19.3921, 0.3675, 0.3412)
contains.

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Color

Yxy(19.3921, 0.3675, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	94726B
RGB	148, 114, 107
RGB Percent	58%, 45%, 42%
CMY	0.4195, 0.5530, 0.5803
CMYK	0.00, 0.23, 0.28, 0.42
HSL	10°, 16%, 50%
HSV	10°, 28%, 58%
XYZ	20.8869, 19.3921, 16.5560
YIQ	123.3680, 22.5110, 5.0310

Conversions

Conversions Part 2

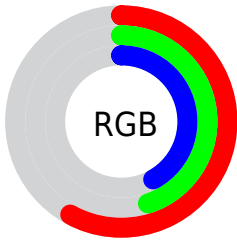
Format	Color
R_{YB}	148, 115, 107
Decimal	9728619
CIE _{Lab}	51.14, 12.32, 9.01
CIE _{LCh}	51, 15.265, 36.197
Yxy	19.3921, 0.3675, 0.3412
Android (android.graphics.Color)	4287918699 (0xFF94726B)
YUV	123.3680, -8.0694, 21.6023
Hunter-Lab	44.0365, 7.6002, 8.5347

Details

The Yxy color $19.3921, 0.3675, 0.3412$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $24.3262, 0.2724, 0.3164$, and the grayscale version is $19.9579, 0.3127, 0.3290$.

A 20% lighter version of the original color is $42.4376, 0.3553, 0.3393$, and $6.7095, 0.3898, 0.3447$ is the 20% darker color. If you saturate the color by 10%, you get $16.5205, 0.3952, 0.3458$, and if you desaturate by 10%, it is $22.6909, 0.3443, 0.3366$.

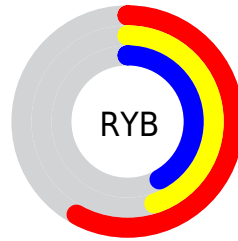
Distribution



Red (58%)

Green (45%)

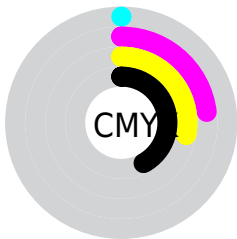
Blue (42%)



Red (58%)

Yellow (45%)

Blue (42%)

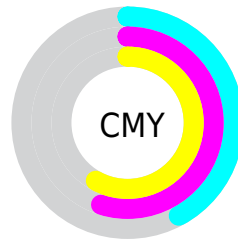


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (42%)



Cyan (42%)


Magenta (55%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3921, 0.3675, 0.3412 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 19.3921, 0.3675, 0.3412 by changing the saturation by 10% instead.


 19.3921, 0.3675,
0.3412


 19.3921, 0.3675,
0.3412


248.6049, 0.3359,
0.3348


 11.9539, 0.3772,
0.3428


 42.3956, 0.3548,
0.3388


 6.7123, 0.3911,
0.3449


 58.7298, 0.3504,
0.3379

 3.2828, 0.4125,
0.3475

 78.7980, 0.3468,
0.3372

 1.2811, 0.4519,
0.3521

 102.9848, 0.3439,
0.3366

 0.1265, 0.7689,
0.2311

131.6745, 0.3414,
0.3360

 0.0000, 0.0000,
0.0000

165.2515, 0.3393,

0.3356

204.1001, 0.3375,
0.3351

■ 19.3921, 0.3675,
0.3412

■ 19.3921, 0.3675,
0.3412

■ 16.5205, 0.3952,
0.3458

■ 22.6909, 0.3443,
0.3366

■ 14.0560, 0.4280,
0.3502

■ 26.4306, 0.3252,
0.3322

■ 11.9808, 0.4654,
0.3537


■ 30.6277, 0.3093,
0.3281


■ 10.2748, 0.5063,
0.3556


■ 35.2970, 0.2962,
0.3243


■ 8.9160, 0.5477,
0.3553


■ 40.4526, 0.2853,
0.3209

 7.8801, 0.5850,
0.3520


 46.1079, 0.2762,
0.3178

 7.1366, 0.6142,
0.3465

 52.2761, 0.2686,
0.3150

 7.0013, 0.6204,
0.3456

 58.9697, 0.2621,
0.3124

 66.2006, 0.2566,
0.3101

Harmonies

Analogous

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



19.3921, 0.3516, 0.3174



19.3921, 0.3675, 0.3412



19.3921, 0.3678, 0.3633

Triad

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



19.3921, 0.3675, 0.3412



19.3921, 0.2987, 0.3645



19.3921, 0.2729, 0.2823

Complementary

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



19.3921, 0.3675, 0.3412



24.3262, 0.2724, 0.3164

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.



19.3921, 0.2603, 0.2921



19.3921, 0.3675, 0.3412



19.3921, 0.2746, 0.3396

Square

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



19.3921, 0.3675, 0.3412



19.3921, 0.3273, 0.3786



19.3921, 0.2609, 0.3127



19.3921, 0.2963, 0.2843

Rectangle

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



19.3921, 0.3675, 0.3412



19.3921, 0.3592, 0.3740



19.3921, 0.2609, 0.3127



19.3921, 0.2673, 0.2842

Sweetspot

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



19.3930, 0.3675, 0.3412



46.3034, 0.3260, 0.3324



18.7447, 0.3243, 0.2726



10.3489, 0.3285, 0.3330



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.



19.3930, 0.3675, 0.3412



31.1020, 0.3834, 0.3440



24.5066, 0.3587, 0.3750



5.9656, 0.3278, 0.3328



6.0082, 0.6195, 0.3463



0.1035, 0.5586, 0.3946

Inverse Universe

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



24.3262, 0.2724, 0.3164



41.2195, 0.2644, 0.3133



18.8632, 0.2687, 0.2783



6.3960, 0.2990, 0.3251



13.9192, 0.2098, 0.2751



0.2061, 0.2177, 0.3036

Previews

White Background



This preview shows how the Yxy color 19.3921, 0.3675, 0.3412 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 19.3921, 0.3675, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

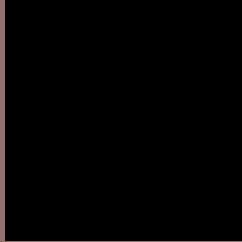
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3921, 0.3675, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 19.3921, 0.3675, 0.3412.

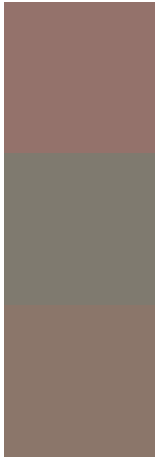


This preview shows how white text looks on a background with the Yxy color 19.3921, 0.3675, 0.3412.

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

19.3921, 0.3675, 0.3412

Protanopia

19.5788, 0.3318, 0.3496

Deuteranopia

19.4864, 0.3550, 0.3507



Tritanopia

19.4528, 0.3522, 0.3139

Trichromacy



Original Color

19.3921, 0.3675, 0.3412

Protanomaly

19.4703, 0.3443, 0.3455

Deuteranomaly

19.5140, 0.3594, 0.3486

Tritanomaly

19.4608, 0.3572, 0.3240

Monochromacy



Original Color

19.3921, 0.3675, 0.3412

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.6228, 0.3315, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3921, 0.3675, 0.3412 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(148, 114, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 114, 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(148, 114, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 114, 107) }
```

Border

The CSS property to change the border of an element to Yxy 19.3921, 0.3675, 0.3412 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(148, 114, 107) }
```

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

```
.border{ border-color:rgb(148, 114, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 114, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 114, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 114, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 114,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3921, 0.3675, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 114, 107) }
```

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

```
.background{ background-color: rgb(148,  
114, 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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