

Converting Colors

$Y_{xy}(19.8183, 0.3551, 0.3274)$

Have a look what the booklet for
Yxy(19.8183, 0.3551, 0.3274)
contains.

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Color

Yxy(19.8183, 0.3551, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	947374
RGB	148, 115, 116
RGB Percent	58%, 45%, 45%
CMY	0.4196, 0.5490, 0.5450
CMYK	0.00, 0.22, 0.22, 0.42
HSL	358°, 13%, 52%
HSV	358°, 22%, 58%
XYZ	21.4950, 19.8183, 19.2190
YIQ	124.9810, 19.3470, 7.3070

Conversions

Conversions Part 2

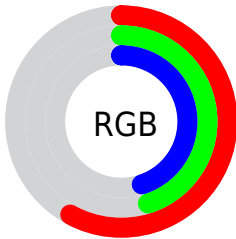
Format	Color
R_{YB}	148, 115, 116
Decimal	9728884
CIE _{Lab}	51.63, 13.11, 4.42
CIE _{LCh}	52, 13.838, 18.608
Yxy	19.8183, 0.3551, 0.3274
Android (android.graphics.Color)	4287918964 (0xFF947374)
YUV	124.9810, -4.4276, 20.1877
Hunter-Lab	44.5177, 8.2813, 5.5660

Details

The Yxy color **19.8183, 0.3551, 0.3274** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9281, 0.2815, 0.3307**, and the grayscale version is **20.5122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1611, 0.3457, 0.3278**, and **6.9731, 0.3738, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **16.4019, 0.3818, 0.3267**, and if you desaturate by 10%, it is **23.8300, 0.3335, 0.3281**.

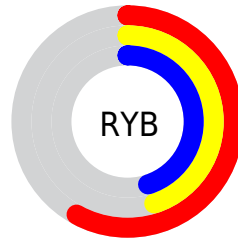
Distribution



Red (58%)

Green (45%)

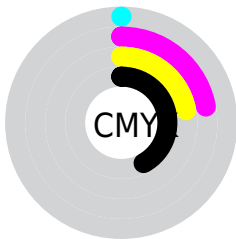
Blue (45%)



Red (58%)

Yellow (45%)

Blue (45%)

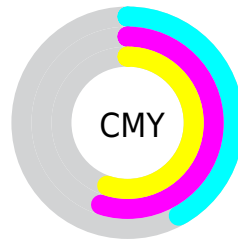


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (42%)



Cyan (42%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8183, 0.3551, 0.3274 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 19.8183, 0.3551, 0.3274 by changing the saturation by 10% instead.


 19.8183, 0.3551,
0.3274


 19.8183, 0.3551,
0.3274


250.9298, 0.3308,
0.3286


 12.2630, 0.3626,
0.3269


 43.1123, 0.3453,
0.3280


 6.9231, 0.3732,
0.3261


 59.6199, 0.3420,
0.3281

 3.4140, 0.3895,
0.3245

 79.8804, 0.3392,
0.3283

 1.3515, 0.4176,
0.3212

 104.2781, 0.3370,
0.3284

 0.1806, 0.7314,
0.2686


133.1975, 0.3350,
0.3284


 0.0000, 0.0000,
0.0000


167.0230, 0.3334,


0.3285


206.1390, 0.3320,
0.3286


 19.8183, 0.3551,
0.3274


 19.8183, 0.3551,
0.3274


 16.4019, 0.3818,
0.3267


 23.8300, 0.3335,
0.3281


 13.5498, 0.4144,
0.3260


 28.4605, 0.3162,
0.3288


 11.2326, 0.4532,
0.3254

 33.7355, 0.3022,
0.3295

 9.4169, 0.4971,
0.3252

 39.6782, 0.2909,
0.3301

 8.0656, 0.5432,
0.3254

 46.3110, 0.2817,
0.3306

■ 7.1366, 0.5858,
0.3262

■ 53.6550, 0.2742,
0.3311

■ 6.5801, 0.6184,
0.3274

■ 61.7304, 0.2680,
0.3316

■ 6.3049, 0.6359,
0.3277

■ 70.5567, 0.2628,
0.3320

■ 80.1527, 0.2585,
0.3323

Harmonies

Analogous

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



19.8183, 0.3345, 0.3071



19.8183, 0.3551, 0.3274



19.8183, 0.3639, 0.3489

Triad

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



19.8183, 0.3551, 0.3274



19.8183, 0.3152, 0.3697



19.8183, 0.2687, 0.2908

Complementary

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



19.8183, 0.3551, 0.3274



26.9281, 0.2815, 0.3307

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.



19.8183, 0.2641, 0.3058



19.8183, 0.3551, 0.3274



19.8183, 0.2903, 0.3524

Square

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



19.8183, 0.3551, 0.3274



19.8183, 0.3402, 0.3747



19.8183, 0.2719, 0.3284



19.8183, 0.2846, 0.2863

Rectangle

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



19.8183, 0.3551, 0.3274



19.8183, 0.3617, 0.3614



19.8183, 0.2719, 0.3284



19.8183, 0.2658, 0.2947

Sweetspot

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



19.8192, 0.3551, 0.3274



46.1202, 0.3241, 0.3285



20.5937, 0.3139, 0.2752



10.4331, 0.3250, 0.3285



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.



19.8192, 0.3551, 0.3274



31.6806, 0.3684, 0.3270



23.6046, 0.3510, 0.3550



5.8181, 0.3278, 0.3284



5.3869, 0.6355, 0.3275



0.0665, 0.6137, 0.3154

Inverse Universe

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



19.8192, 0.3551, 0.3274



31.6806, 0.3684, 0.3270



22.4482, 0.2787, 0.3015



5.8181, 0.3278, 0.3284



5.3869, 0.6355, 0.3275



0.0665, 0.6137, 0.3154

Previews

White Background



This preview shows how the Yxy color 19.8183, 0.3551, 0.3274 looks on a white background.

Color Contrast Check

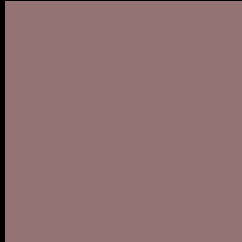
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8183, 0.3551, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

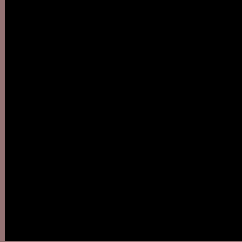
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8183, 0.3551, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 19.8183, 0.3551, 0.3274.



This preview shows how white text looks on a background with the Yxy color 19.8183, 0.3551, 0.3274.

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

19.8183, 0.3551, 0.3274

Protanopia

19.9576, 0.3198, 0.3346

Deuteranopia

19.8347, 0.3420, 0.3362



Tritanopia

19.8542, 0.3476, 0.3139

Trichromacy



Original Color

19.8183, 0.3551, 0.3274

Protanomaly

19.8332, 0.3316, 0.3309

Deuteranomaly

19.9455, 0.3475, 0.3344

Tritanomaly

19.7803, 0.3515, 0.3189

Monochromacy



Original Color

19.8183, 0.3551, 0.3274

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0664, 0.3265, 0.3272

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8183, 0.3551, 0.3274 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, 115, 116)` looks like.

```
.text, #text, p{  
    color:rgb(148, 115, 116)  
}
```

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, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 115, 116) }
```

Border

The CSS property to change the border of an element to Yxy 19.8183, 0.3551, 0.3274 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, 115, 116) }
```

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

```
.border{ border-color:rgb(148, 115, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(148, 115,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8183, 0.3551, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 115, 116) }
```

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

```
.background{ background-color: rgb(148,  
115, 116) }
```

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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