

Converting Colors

$Y_{xy}(19.0635, 0.3521, 0.3142)$

Have a look what the booklet for
Yxy(19.0635, 0.3521, 0.3142)
contains.

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Color

Yxy(19.0208, 0.3511, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	946F78
RGB	148, 111, 120
RGB Percent	58%, 44%, 47%
CMY	0.4196, 0.5647, 0.5293
CMYK	0.00, 0.25, 0.19, 0.42
HSL	345°, 15%, 51%
HSV	345°, 25%, 58%
XYZ	21.2885, 19.0208, 20.3244
YIQ	123.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

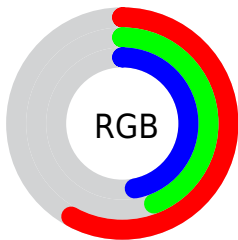
Format	Color
R_{YB}	148, 111, 120
Decimal	9727864
CIE _{Lab}	50.71, 16.10, 0.72
CIE _{LCh}	51, 16.116, 2.557
Yxy	19.0208, 0.3511, 0.3137
Android (android.graphics.Color)	4287917944 (0xFF946F78)
YUV	123.0890, -1.5229, 21.8469
Hunter-Lab	43.6128, 10.8078, 2.8987

Details

The Yxy color **19.0208, 0.3511, 0.3137** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4238, 0.2847, 0.3450**, and the grayscale version is **19.8393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8695, 0.3428, 0.3177**, and **6.5643, 0.3677, 0.3064** is the 20% darker color. If you saturate the color by 10%, you get **15.7989, 0.3727, 0.3072**, and if you desaturate by 10%, it is **22.8114, 0.3334, 0.3201**.

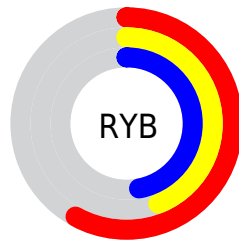
Distribution



Red (58%)

Green (44%)

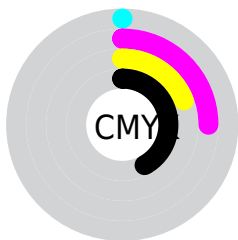
Blue (47%)



Red (58%)

Yellow (44%)

Blue (47%)

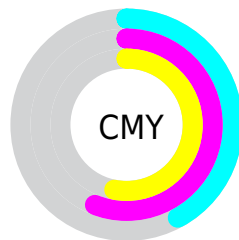


Cyan (0%)

Magenta (25%)

Yellow (19%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0208, 0.3511, 0.3137 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 19.0208, 0.3511, 0.3137 by changing the saturation by 10% instead.


 19.0208, 0.3511,
0.3137


 19.0208, 0.3511,
0.3137


246.5636, 0.3290,
0.3226


 11.6853, 0.3579,
0.3110


 41.7692, 0.3422,
0.3173


 6.5298, 0.3676,
0.3070


 57.9510, 0.3392,
0.3185

 3.1698, 0.3825,
0.3009

 77.8503, 0.3367,
0.3195

 1.2210, 0.4084,
0.2902

 101.8515, 0.3346,
0.3203

 0.0788, 0.8037,
0.1353

130.3390, 0.3329,
0.3210

 0.0000, 0.0000,
0.0000

163.6973, 0.3314,

0.3216

202.3107, 0.3301,
0.3221

■ 19.0208, 0.3511,
0.3137

■ 19.0208, 0.3511,
0.3137

■ 15.7989, 0.3727,
0.3072

■ 22.8114, 0.3334,
0.3201

■ 13.1156, 0.3987,
0.3010

■ 27.1936, 0.3189,
0.3261

■ 10.9420, 0.4295,
0.2957

■ 32.1924, 0.3071,
0.3318

■ 9.2457, 0.4646,
0.2920

■ 37.8303, 0.2975,
0.3370

■ 7.9900, 0.5025,
0.2909

■ 44.1288, 0.2896,
0.3417

■ 7.1334, 0.5406,
0.2934

■ 51.1086, 0.2831,
0.3460

■ 6.6216, 0.5750,
0.2997

■ 58.7891, 0.2777,
0.3500

■ 6.4240, 0.5909,
0.3029

■ 67.1893, 0.2732,
0.3536

■ 76.3272, 0.2695,
0.3568

Harmonies

Analogous

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



19.0208, 0.3221, 0.2930



19.0208, 0.3511, 0.3137



19.0208, 0.3698, 0.3387

Triad

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



19.0208, 0.3511, 0.3137



19.0208, 0.3317, 0.3826



19.0208, 0.2565, 0.2919

Complementary

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



19.0208, 0.3511, 0.3137



26.4238, 0.2847, 0.3450

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.



19.0208, 0.2588, 0.3148



19.0208, 0.3511, 0.3137



19.0208, 0.3013, 0.3694

Square

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



19.0208, 0.3511, 0.3137



19.0208, 0.3579, 0.3794



19.0208, 0.2749, 0.3438



19.0208, 0.2682, 0.2801

Rectangle

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



19.0208, 0.3511, 0.3137



19.0208, 0.3733, 0.3552



19.0208, 0.2749, 0.3438



19.0208, 0.2556, 0.2984

Sweetspot

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



19.0217, 0.3511, 0.3137



45.4221, 0.3232, 0.3243



18.9749, 0.3041, 0.2667



10.1173, 0.3251, 0.3234



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.



19.0217, 0.3511, 0.3137



30.2581, 0.3627, 0.3101



20.9373, 0.3596, 0.3450



5.8372, 0.3246, 0.3236



5.4907, 0.5893, 0.3020



0.0713, 0.4868, 0.2455

Inverse Universe

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



19.0217, 0.3511, 0.3137



30.2581, 0.3627, 0.3101



23.9113, 0.2757, 0.3124



5.8372, 0.3246, 0.3236



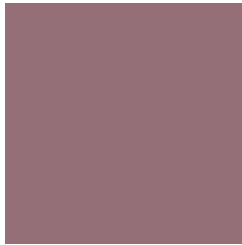
5.4907, 0.5893, 0.3020



0.0713, 0.4868, 0.2455

Previews

White Background



This preview shows how the Yxy color 19.0208, 0.3511, 0.3137 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 19.0208, 0.3511, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

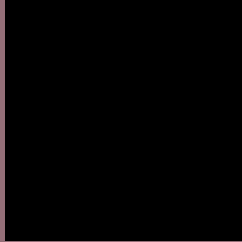
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0208, 0.3511, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 19.0208, 0.3511, 0.3137.



This preview shows how white text looks on a background with the Yxy color 19.0208, 0.3511, 0.3137.

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

19.0208, 0.3511, 0.3137

Protanopia

19.0512, 0.3095, 0.3196

Deuteranopia

19.0410, 0.3309, 0.3254



Tritanopia

19.0208, 0.3511, 0.3137

Trichromacy



Original Color

19.0208, 0.3511, 0.3137

Protanomaly

18.9779, 0.3234, 0.3181

Deuteranomaly

18.9967, 0.3380, 0.3219

Tritanomaly

19.0208, 0.3511, 0.3137

Monochromacy



Original Color

19.0208, 0.3511, 0.3137

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.5043, 0.3256, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0208, 0.3511, 0.3137 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, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(148, 111, 120)  
}
```

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, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 111, 120) }
```

Border

The CSS property to change the border of an element to Yxy 19.0208, 0.3511, 0.3137 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, 111, 120) }
```

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

```
.border{ border-color:rgb(148, 111, 120) }
```

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

Here you see how a box with a 4 pixel rgb(148, 111, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 111, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 111, 120);  
box-shadow:4px 4px 4px 4px rgb(148, 111,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0208, 0.3511, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 111, 120) }
```

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

```
.background{ background-color: rgb(148,  
111, 120) }
```

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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