

Converting Colors

$Y_{xy}(19.9654, 0.3463, 0.3069)$

Have a look what the booklet for
Yxy(19.9654, 0.3463, 0.3069)
contains.

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Color

Yxy(19.8959, 0.3466, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	97717E
RGB	151, 113, 126
RGB Percent	59%, 44%, 49%
CMY	0.4078, 0.5568, 0.5059
CMYK	0.00, 0.25, 0.17, 0.41
HSL	339°, 15%, 52%
HSV	339°, 25%, 59%
XYZ	22.4330, 19.8959, 22.3942
YIQ	125.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

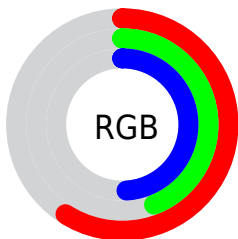
Format	Color
RYB	151, 113, 126
Decimal	9924990
CIELab	51.72, 17.10, -1.30
CIELCh	52, 17.152, 355.658
Yxy	19.8959, 0.3466, 0.3074
Android (android.graphics.Color)	4288115070 (0xFF97717E)
YUV	125.8440, 0.0769, 22.0618
Hunter-Lab	44.6048, 11.7144, 1.4563

Details

The Yxy color **19.8959, 0.3466, 0.3074** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.4795, 0.2876, 0.3518**, and the grayscale version is **20.8037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.2868, 0.3388, 0.3117**, and **6.9691, 0.3599, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **16.5591, 0.3653, 0.2983**, and if you desaturate by 10%, it is **23.8206, 0.3311, 0.3163**.

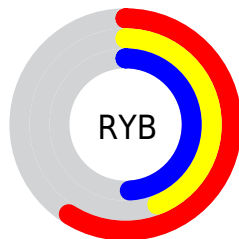
Distribution



Red (59%)

Green (44%)

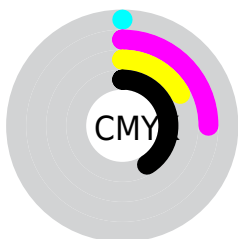
Blue (49%)



Red (59%)

Yellow (44%)

Blue (49%)

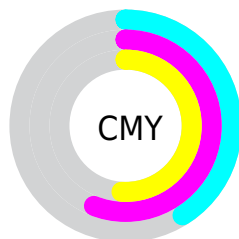


Cyan (0%)

Magenta (25%)

Yellow (17%)

Black (41%)



Cyan (41%)


Magenta (56%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8959, 0.3466, 0.3074 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 19.8959, 0.3466, 0.3074 by changing the saturation by 10% instead.


 19.8959, 0.3466,
0.3074


 19.8959, 0.3466,
0.3074


251.3510, 0.3273,
0.3196


 12.3194, 0.3524,
0.3037


 43.2426, 0.3389,
0.3123


 6.9616, 0.3606,
0.2986


 59.7816, 0.3362,
0.3140

 3.4381, 0.3732,
0.2908

 80.0768, 0.3341,
0.3153

 1.3645, 0.3944,
0.2778

 104.5127, 0.3323,
0.3165

 0.1903, 0.5506,
0.1751

133.4737, 0.3307,
0.3175

 0.0000, 0.0000,
0.0000

167.3442, 0.3294,

0.3183

206.5085, 0.3283,
0.3190

■ 19.8959, 0.3466,
0.3074

■ 19.8959, 0.3466,
0.3074

■ 16.5591, 0.3653,
0.2983

■ 23.8206, 0.3311,
0.3163

■ 13.7790, 0.3877,
0.2896

■ 28.3570, 0.3184,
0.3248

■ 11.5258, 0.4140,
0.2818


■ 33.5309, 0.3079,
0.3328

■ 9.7654, 0.4439,
0.2760


■ 39.3657, 0.2993,
0.3401

■ 8.4601, 0.4765,
0.2732


■ 45.8838, 0.2923,
0.3469

 7.5664, 0.5101,
0.2747

 53.1064, 0.2864,
0.3531

 7.0276, 0.5420,
0.2807

 61.0538, 0.2816,
0.3587

 6.8238, 0.5569,
0.2842

 69.7456, 0.2776,
0.3639

 79.2004, 0.2742,
0.3686

Harmonies

Analogous

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



19.8959, 0.3150, 0.2875



19.8959, 0.3466, 0.3074



19.8959, 0.3694, 0.3329

Triad

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



19.8959, 0.3466, 0.3074



19.8959, 0.3396, 0.3860



19.8959, 0.2531, 0.2946

Complementary

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



19.8959, 0.3466, 0.3074



27.4795, 0.2876, 0.3518

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.



19.8959, 0.2590, 0.3208



19.8959, 0.3466, 0.3074



19.8959, 0.3079, 0.3761

Square

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



19.8959, 0.3466, 0.3074



19.8959, 0.3648, 0.3788



19.8959, 0.2786, 0.3514



19.8959, 0.2621, 0.2794

Rectangle

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



19.8959, 0.3466, 0.3074



19.8959, 0.3759, 0.3505



19.8959, 0.2786, 0.3514



19.8959, 0.2534, 0.3023

Sweetspot

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



19.8968, 0.3466, 0.3074



48.2308, 0.3219, 0.3223



19.4235, 0.2994, 0.2653



10.6958, 0.3237, 0.3211



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.



19.8968, 0.3466, 0.3074



32.2551, 0.3564, 0.3025



20.8950, 0.3616, 0.3388



6.2558, 0.3233, 0.3214



5.8101, 0.5553, 0.2833



0.0932, 0.4511, 0.2259

Inverse Universe

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



19.8968, 0.3466, 0.3074



32.2551, 0.3564, 0.3025



26.0882, 0.2760, 0.3190



6.2558, 0.3233, 0.3214



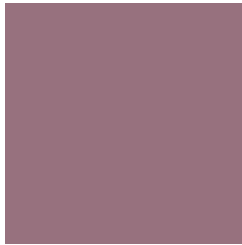
5.8101, 0.5553, 0.2833



0.0932, 0.4511, 0.2259

Previews

White Background



This preview shows how the Yxy color 19.8959, 0.3466, 0.3074 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 19.8959, 0.3466, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

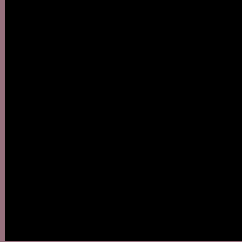
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8959, 0.3466, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 19.8959, 0.3466, 0.3074.



This preview shows how white text looks on a background with the Yxy color 19.8959, 0.3466, 0.3074.

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

19.8959, 0.3466, 0.3074

Protanopia

20.0428, 0.3027, 0.3125

Deuteranopia

20.0645, 0.3257, 0.3201



Tritanopia

20.0191, 0.3515, 0.3157

Trichromacy



Original Color

19.8959, 0.3466, 0.3074

Protanomaly

19.7919, 0.3174, 0.3094

Deuteranomaly

19.8660, 0.3339, 0.3151

Tritanomaly

20.0440, 0.3502, 0.3140

Monochromacy



Original Color

19.8959, 0.3466, 0.3074

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3320, 0.3243, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8959, 0.3466, 0.3074 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, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 113, 126)  
}
```

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, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 19.8959, 0.3466, 0.3074 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, 113, 126) }
```

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

```
.border{ border-color:rgb(151, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8959, 0.3466, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 113, 126) }
```

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

```
.background{ background-color: rgb(151,  
113, 126) }
```

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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