

Converting Colors

$Y_{xy}(19.1776, 0.3685, 0.3144)$

Have a look what the booklet for
Yxy(19.1776, 0.3685, 0.3144)
contains.

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Color

Yxy(19.1776, 0.3685, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	9D6C75
RGB	157, 108, 117
RGB Percent	62%, 42%, 46%
CMY	0.3843, 0.5764, 0.5412
CMYK	0.00, 0.31, 0.25, 0.38
HSL	349°, 20%, 52%
HSV	349°, 31%, 62%
XYZ	22.4776, 19.1776, 19.3423
YIQ	123.6770, 26.3150, 13.1870

Conversions

Conversions Part 2

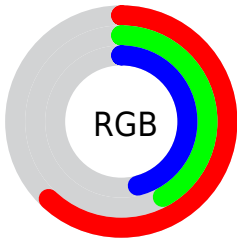
Format	Color
R_{YB}	157, 108, 117
Decimal	10316917
CIE _{Lab}	50.89, 20.86, 2.91
CIE _{LCh}	51, 21.064, 7.929
Yxy	19.1776, 0.3685, 0.3144
Android (android.graphics.Color)	4288506997 (0xFF9D6C75)
YUV	123.6770, -3.2918, 29.2243
Hunter-Lab	43.7922, 14.9836, 4.4672

Details

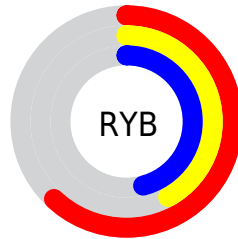
The Yxy color **19.1776, 0.3685, 0.3144** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.4416, 0.2759, 0.3444**, and the grayscale version is **20.0479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.1523, 0.3560, 0.3181**, and **6.6044, 0.3913, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **15.8783, 0.3952, 0.3096**, and if you desaturate by 10%, it is **23.1164, 0.3466, 0.3193**.

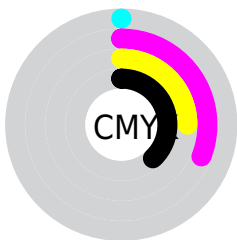
Distribution



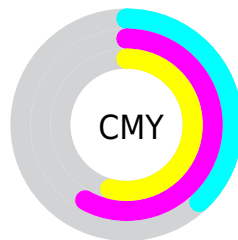
- Red (62%)
- Green (42%)
- Blue (46%)



- Red (62%)
- Yellow (42%)
- Blue (46%)



- Cyan (0%)
- Magenta (31%)
- Yellow (25%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1776, 0.3685, 0.3144 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 19.1776, 0.3685, 0.3144 by changing the saturation by 10% instead.

 19.1776, 0.3685,
0.3144


 19.1776, 0.3685,
0.3144


247.4275, 0.3364,
0.3231


 11.7987, 0.3784,
0.3116


 42.0340, 0.3556,
0.3180

 6.6067, 0.3925,
0.3075


 58.2802, 0.3511,
0.3192

 3.2174, 0.4141,
0.3010

 78.2511, 0.3475,
0.3201

 1.2463, 0.4515,
0.2892

 102.3308, 0.3445,
0.3209

 0.0990, 0.8590,
0.1410

130.9040, 0.3420,
0.3216

 0.0000, 0.0000,
0.0000

164.3549, 0.3398,

0.3222

203.0679, 0.3380,
0.3226

■ 19.1776, 0.3685,
0.3144

■ 19.1776, 0.3685,
0.3144

■ 15.8783, 0.3952,
0.3096

■ 23.1164, 0.3466,
0.3193

■ 13.1821, 0.4271,
0.3054

■ 27.7231, 0.3287,
0.3240

■ 11.0531, 0.4639,
0.3023


■ 33.0279, 0.3143,
0.3285

■ 9.4505, 0.5044,
0.3012


■ 39.0581, 0.3025,
0.3326

■ 8.3278, 0.5454,
0.3029

■ 45.8397, 0.2929,
0.3364

 7.6306, 0.5824,
0.3077

 53.3974, 0.2851,
0.3398

 7.2558, 0.6092,
0.3130

 61.7547, 0.2787,
0.3429

 70.9341, 0.2733,
0.3458

 80.9572, 0.2689,
0.3483

Harmonies

Analogous

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



19.1776, 0.3319, 0.2869



19.1776, 0.3685, 0.3144



19.1776, 0.3896, 0.3465

Triad

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



19.1776, 0.3685, 0.3144



19.1776, 0.3298, 0.3983



19.1776, 0.2419, 0.2766

Complementary

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



19.1776, 0.3685, 0.3144



29.4416, 0.2759, 0.3444

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.



19.1776, 0.2415, 0.3036



19.1776, 0.3685, 0.3144



19.1776, 0.2907, 0.3774

Square

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



19.1776, 0.3685, 0.3144



19.1776, 0.3658, 0.3968



19.1776, 0.2588, 0.3411



19.1776, 0.2596, 0.2651

Rectangle

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



19.1776, 0.3685, 0.3144



19.1776, 0.3913, 0.3673



19.1776, 0.2588, 0.3411



19.1776, 0.2398, 0.2840

Sweetspot

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



19.1785, 0.3685, 0.3144



51.4780, 0.3255, 0.3250



19.4582, 0.3052, 0.2510



11.0568, 0.3277, 0.3243



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.1785, 0.3685, 0.3144



30.3754, 0.3853, 0.3113



22.5465, 0.3736, 0.3545



6.6650, 0.3257, 0.3249



5.8972, 0.6075, 0.3120



0.1102, 0.5200, 0.2638

Inverse Universe

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



19.1785, 0.3685, 0.3144



30.3754, 0.3853, 0.3113



24.8162, 0.2660, 0.3018



6.6650, 0.3257, 0.3249



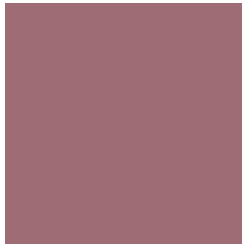
5.8972, 0.6075, 0.3120



0.1102, 0.5200, 0.2638

Previews

White Background



This preview shows how the Yxy color 19.1776, 0.3685, 0.3144 looks on a white background.

Color Contrast Check

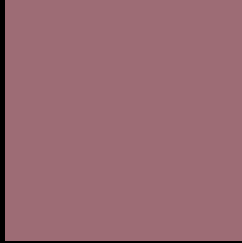
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1776, 0.3685, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

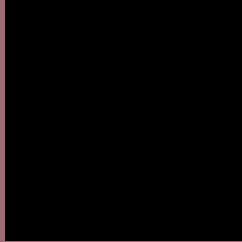
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1776, 0.3685, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 19.1776, 0.3685, 0.3144.



This preview shows how white text looks on a background with the Yxy color 19.1776, 0.3685, 0.3144.

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

19.1776, 0.3685, 0.3144

Protanopia

19.3409, 0.3117, 0.3234

Deuteranopia

19.1946, 0.3399, 0.3327



Tritanopia

19.1542, 0.3699, 0.3160

Trichromacy



Original Color

19.1776, 0.3685, 0.3144

Protanomaly

19.0222, 0.3313, 0.3201

Deuteranomaly

19.2249, 0.3501, 0.3256

Tritanomaly

19.1542, 0.3699, 0.3160

Monochromacy



Original Color

19.1776, 0.3685, 0.3144

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5716, 0.3322, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1776, 0.3685, 0.3144 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(157, 108, 117)` looks like.

```
.text, #text, p{  
    color:rgb(157, 108, 117)  
}
```

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(157, 108, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 108, 117) }
```

Border

The CSS property to change the border of an element to Yxy 19.1776, 0.3685, 0.3144 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(157, 108, 117) }
```

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

```
.border{ border-color:rgb(157, 108, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 108, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 108, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 108, 117);  
box-shadow:4px 4px 4px 4px rgb(157, 108,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1776, 0.3685, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 108, 117) }
```

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

```
.background{ background-color: rgb(157,  
108, 117) }
```

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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