

Converting Colors

$Y_{xy}(19.1471, 0.3931, 0.3198)$

Have a look what the booklet for
Yxy(19.1471, 0.3931, 0.3198)
contains.

Yxy(19.1334, 0.3926, 0.3198)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.1334, 0.3926, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	A6686E
RGB	166, 104, 110
RGB Percent	65%, 41%, 43%
CMY	0.3491, 0.5921, 0.5686
CMYK	0.00, 0.37, 0.34, 0.35
HSL	354°, 26%, 53%
HSV	354°, 37%, 65%
XYZ	23.4890, 19.1334, 17.2069
YIQ	123.2220, 35.0260, 15.0100

Conversions

Conversions Part 2

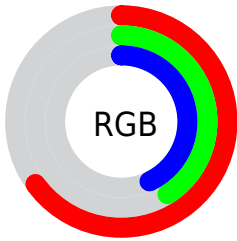
Format	Color
R_{YB}	166, 104, 110
Decimal	10905710
CIE Lab	50.84, 25.65, 7.12
CIE LCh	51, 26.623, 15.505
Yxy	19.1334, 0.3926, 0.3198
Android (android.graphics.Color)	4289095790 (0xFFA6686E)
YUV	123.2220, -6.5184, 37.5163
Hunter-Lab	43.7417, 19.3050, 7.2960

Details

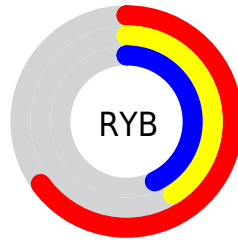
The Yxy color **19.1334, 0.3926, 0.3198** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.7502, 0.2658, 0.3388**, and the grayscale version is **19.8983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.0381, 0.3749, 0.3232**, and **6.6320, 0.4255, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **15.8154, 0.4263, 0.3175**, and if you desaturate by 10%, it is **23.1663, 0.3647, 0.3223**.

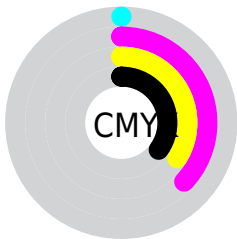
Distribution



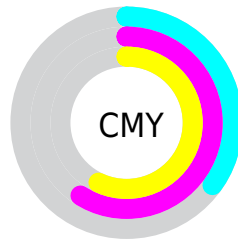
- Red (65%)
- Green (41%)
- Blue (43%)



- Red (65%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (35%)





- Cyan (35%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.1334, 0.3926, 0.3198 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 19.1334, 0.3926, 0.3198 by changing the saturation by 10% instead.


 19.1334, 0.3926,
0.3198


 19.1334, 0.3926,
0.3198


247.1842, 0.3464,
0.3260


 11.7667, 0.4068,
0.3175


 41.9594, 0.3740,
0.3225


 6.5850, 0.4271,
0.3138


 58.1875, 0.3676,
0.3234

 3.2040, 0.4581,
0.3075

 78.1382, 0.3624,
0.3241

 1.2391, 0.5118,
0.2953

 102.1958, 0.3581,
0.3246

 0.0933, 0.8845,
0.1155

130.7449, 0.3545,
0.3250

 0.0000, 0.0000,
0.0000

164.1697, 0.3514,

0.3254

202.8547, 0.3488,
0.3257

■ 19.1334, 0.3926,
0.3198

■ 19.1334, 0.3926,
0.3198

■ 15.8154, 0.4263,
0.3175

■ 23.1663, 0.3647,
0.3223

■ 13.1678, 0.4656,
0.3158

■ 27.9495, 0.3421,
0.3249

■ 11.1459, 0.5093,
0.3152


■ 33.5194, 0.3238,
0.3273


■ 9.6980, 0.5536,
0.3161


■ 39.9092, 0.3091,
0.3296


■ 8.7642, 0.5929,
0.3189

■ 47.1502, 0.2972,
0.3317


 8.2523, 0.6218,
0.3228

 55.2721, 0.2875,
0.3336

 8.1434, 0.6279,
0.3233

 64.3031, 0.2796,
0.3353

 74.2702, 0.2732,
0.3368

 85.1993, 0.2678,
0.3382

Harmonies

Analogous

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



19.1334, 0.3494, 0.2843



19.1334, 0.3926, 0.3198



19.1334, 0.4125, 0.3595

Triad

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



19.1334, 0.3926, 0.3198



19.1334, 0.3207, 0.4140



19.1334, 0.2283, 0.2577

Complementary

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



19.1334, 0.3926, 0.3198



32.7502, 0.2658, 0.3388

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.



19.1334, 0.2223, 0.2859



19.1334, 0.3926, 0.3198



19.1334, 0.2730, 0.3805

Square

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



19.1334, 0.3926, 0.3198



19.1334, 0.3684, 0.4178



19.1334, 0.2378, 0.3309



19.1334, 0.2549, 0.2492

Rectangle

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



19.1334, 0.3926, 0.3198



19.1334, 0.4092, 0.3846



19.1334, 0.2378, 0.3309



19.1334, 0.2239, 0.2649

Sweetspot

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



19.1343, 0.3926, 0.3198



56.7622, 0.3304, 0.3264



20.1076, 0.3094, 0.2367



12.4073, 0.3328, 0.3261



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



19.1343, 0.3926, 0.3198



29.5331, 0.4208, 0.3178



24.7539, 0.3870, 0.3678



7.5537, 0.3271, 0.3268



6.3191, 0.6265, 0.3225



0.1573, 0.5742, 0.2937

Inverse Universe

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



19.1343, 0.3926, 0.3198



29.5331, 0.4208, 0.3178



24.8045, 0.2556, 0.2863



7.5537, 0.3271, 0.3268



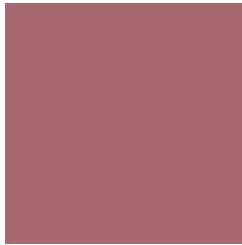
6.3191, 0.6265, 0.3225



0.1573, 0.5742, 0.2937

Previews

White Background



This preview shows how the Yxy color 19.1334, 0.3926, 0.3198 looks on a white background.

Color Contrast Check

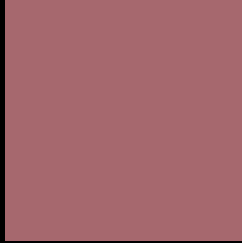
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1334, 0.3926, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

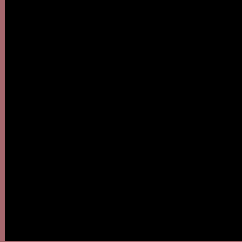
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1334, 0.3926, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 19.1334, 0.3926, 0.3198.



This preview shows how white text looks on a background with the Yxy color 19.1334, 0.3926, 0.3198.

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

19.1334, 0.3926, 0.3198

Protanopia

19.2917, 0.3188, 0.3328

Deuteranopia

19.2086, 0.3515, 0.3453



Tritanopia

19.1775, 0.3897, 0.3166

Trichromacy



Original Color

19.1334, 0.3926, 0.3198

Protanomaly

19.0114, 0.3431, 0.3273

Deuteranomaly

18.9884, 0.3657, 0.3343

Tritanomaly

19.1553, 0.3911, 0.3182

Monochromacy



Original Color

19.1334, 0.3926, 0.3198

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.2878, 0.3403, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1334, 0.3926, 0.3198 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(166, 104, 110)` looks like.

```
.text, #text, p{  
    color:rgb(166, 104, 110)  
}
```

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(166, 104, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 104, 110) }
```

Border

The CSS property to change the border of an element to Yxy 19.1334, 0.3926, 0.3198 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(166, 104, 110) }
```

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

```
.border{ border-color:rgb(166, 104, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 104, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 104, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 104, 110);  
box-shadow:4px 4px 4px 4px rgb(166, 104,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1334, 0.3926, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 104, 110) }
```

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

```
.background{ background-color: rgb(166,  
104, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor