

Converting Colors

$Yxy(19.4874, 0.3190, 0.2811)$

Have a look what the booklet for
Yxy(19.4874, 0.3190, 0.2811)
contains.

Yxy(19.4407, 0.3188, 0.2804)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.4407, 0.3188, 0.2804)

Conversions

Conversions Part 1

Format	Color
Hex	90708D
RGB	144, 112, 141
RGB Percent	56%, 44%, 55%
CMY	0.4353, 0.5608, 0.4470
CMYK	0.00, 0.22, 0.02, 0.44
HSL	306°, 13%, 50%
HSV	306°, 22%, 56%
XYZ	22.1030, 19.4407, 27.7883
YIQ	124.8740, 9.7630, 15.8030

Conversions

Conversions Part 2

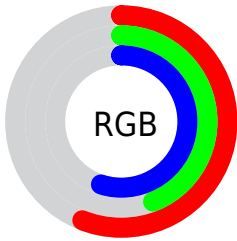
Format	Color
RYB	144, 112, 141
Decimal	9465997
CIELab	51.20, 17.82, -11.00
CIELCh	51, 20.945, 328.315
Yxy	19.4407, 0.3188, 0.2804
Android (android.graphics.Color)	4287656077 (0xFF90708D)
YUV	124.8740, 7.9501, 16.7735
Hunter-Lab	44.0916, 12.3214, -6.5028

Details

The Yxy color **19.4407, 0.3188, 0.2804** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.6280, 0.3071, 0.3830**, and the grayscale version is **20.4344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4968, 0.3173, 0.2905**, and **6.7493, 0.3198, 0.2621** is the 20% darker color. If you saturate the color by 10%, you get **16.4740, 0.3220, 0.2583**, and if you desaturate by 10%, it is **22.9178, 0.3159, 0.3026**.

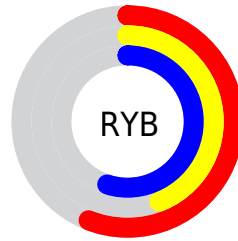
Distribution



Red (56%)

Green (44%)

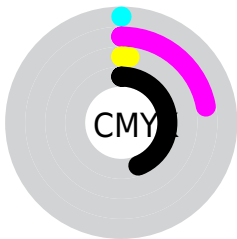
Blue (55%)



Red (56%)

Yellow (44%)

Blue (55%)

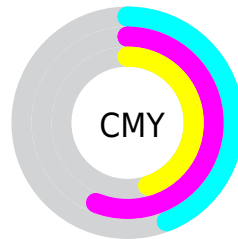


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (44%)



Cyan (44%)


Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4407, 0.3188, 0.2804 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 19.4407, 0.3188, 0.2804 by changing the saturation by 10% instead.


 19.4407, 0.3188,
0.2804


 19.4407, 0.3188,
0.2804


248.8710, 0.3157,
0.3073


 11.9891, 0.3195,
0.2727


 42.4775, 0.3177,
0.2909


 6.7363, 0.3205,
0.2621


 58.8315, 0.3173,
0.2946

 3.2977, 0.3216,
0.2466

 78.9217, 0.3169,
0.2976

 1.2891, 0.3228,
0.2221

 103.1327, 0.3166,
0.3002

 0.1327, 0.3491,
0.0826

131.8487, 0.3163,
0.3024

 0.0000, 0.0000,
0.0000

165.4541, 0.3161,

0.3042

204.3334, 0.3159,
0.3059

■ 19.4407, 0.3188,
0.2804

■ 19.4407, 0.3188,
0.2804

■ 16.4740, 0.3220,
0.2583

■ 22.9178, 0.3159,
0.3026

■ 13.9910, 0.3254,
0.2369

■ 26.9253, 0.3133,
0.3243

■ 11.9665, 0.3290,
0.2172

■ 31.4851, 0.3109,
0.3451

■ 10.3720, 0.3327,
0.2000

■ 36.6173, 0.3089,
0.3646

■ 9.1758, 0.3363,
0.1861

■ 42.3408, 0.3071,
0.3828

■ 8.3418, 0.3398,
0.1761

■ 48.6739, 0.3056,
0.3996

■ 7.8275, 0.3430,
0.1704

■ 55.6337, 0.3043,
0.4150

■ 7.5549, 0.3454,
0.1676

■ 63.2371, 0.3031,
0.4291

■ 71.4999, 0.3022,
0.4419

Harmonies

Analogous

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



19.4407, 0.2806, 0.2668



19.4407, 0.3188, 0.2804



19.4407, 0.3575, 0.3051

Triad

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



19.4407, 0.3188, 0.2804



19.4407, 0.3743, 0.3913



19.4407, 0.2458, 0.3151

Complementary

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



19.4407, 0.3188, 0.2804



24.6280, 0.3071, 0.3830

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.



19.4407, 0.2681, 0.3533



19.4407, 0.3188, 0.2804



19.4407, 0.3419, 0.3995

Square

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



19.4407, 0.3188, 0.2804



19.4407, 0.3904, 0.3673



19.4407, 0.3030, 0.3857



19.4407, 0.2405, 0.2842

Rectangle

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



19.4407, 0.3188, 0.2804



19.4407, 0.3774, 0.3254



19.4407, 0.3030, 0.3857



19.4407, 0.2515, 0.3275

Sweetspot

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



19.4416, 0.3188, 0.2804



43.8908, 0.3145, 0.3137



17.2255, 0.2797, 0.2698



9.9844, 0.3146, 0.3126



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.4416, 0.3188, 0.2804



31.3898, 0.3205, 0.2685



19.0076, 0.3385, 0.3061



5.5025, 0.3151, 0.3093



6.5812, 0.3453, 0.1676



0.0646, 0.3320, 0.1603

Inverse Universe

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



19.4416, 0.3188, 0.2804



31.3898, 0.3205, 0.2685



25.0200, 0.2926, 0.3532



5.5025, 0.3151, 0.3093



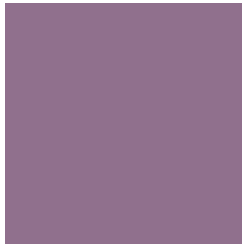
6.5812, 0.3453, 0.1676



0.0646, 0.3320, 0.1603

Previews

White Background



This preview shows how the Yxy color 19.4407, 0.3188, 0.2804 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 19.4407, 0.3188, 0.2804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

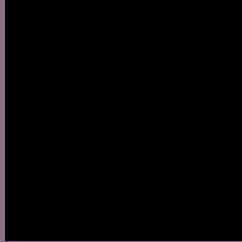
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4407, 0.3188, 0.2804

Background



This preview shows how black text looks on a background with the Yxy color 19.4407, 0.3188, 0.2804.



This preview shows how white text looks on a background with the Yxy color 19.4407, 0.3188, 0.2804.

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

19.4407, 0.3188, 0.2804

Protanopia

19.5632, 0.2803, 0.2821

Deuteranopia

19.5227, 0.2976, 0.2914



Tritanopia

19.4675, 0.3369, 0.3134

Trichromacy



Original Color

19.4407, 0.3188, 0.2804

Protanomaly

19.5132, 0.2934, 0.2814

Deuteranomaly

19.3708, 0.3060, 0.2870

Tritanomaly

19.4860, 0.3308, 0.3016

Monochromacy



Original Color

19.4407, 0.3188, 0.2804

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9772, 0.3149, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4407, 0.3188, 0.2804 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(144, 112, 141)` looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 141)  
}
```

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(144, 112, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 141) }
```

Border

The CSS property to change the border of an element to Yxy 19.4407, 0.3188, 0.2804 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(144, 112, 141) }
```

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

```
.border{ border-color:rgb(144, 112, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 141);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4407, 0.3188, 0.2804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 141) }
```

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

```
.background{ background-color: rgb(144,  
112, 141) }
```

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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