

Converting Colors

$Yxy(19.4214, 0.3959, 0.3387)$

Have a look what the booklet for
Yxy(19.4214, 0.3959, 0.3387)
contains.

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Color

Yxy(19.3658, 0.3966, 0.3389)

Conversions

Conversions Part 1

Format	Color
Hex	A26C66
RGB	162, 108, 102
RGB Percent	64%, 42%, 40%
CMY	0.3647, 0.5765, 0.6000
CMYK	0.00, 0.33, 0.37, 0.36
HSL	6°, 24%, 52%
HSV	6°, 37%, 64%
XYZ	22.6630, 19.3658, 15.1144
YIQ	123.4620, 34.1100, 9.5820

Conversions

Conversions Part 2

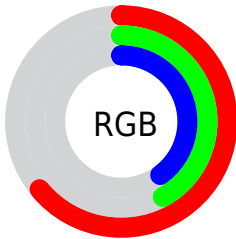
Format	Color
R_{YB}	162, 109, 102
Decimal	10644582
CIE Lab	51.11, 20.77, 12.16
CIE LCh	51, 24.066, 30.338
Yxy	19.3658, 0.3966, 0.3389
Android (android.graphics.Color)	4288834662 (0xFFA26C66)
YUV	123.4620, -10.5808, 33.7978
Hunter-Lab	44.0066, 14.9142, 10.4411

Details

The Yxy color **19.3658, 0.3966, 0.3389** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2163, 0.2606, 0.3187**, and the grayscale version is **19.9958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3469, 0.3767, 0.3377**, and **6.6957, 0.4322, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **16.2532, 0.4312, 0.3415**, and if you desaturate by 10%, it is **23.0576, 0.3676, 0.3361**.

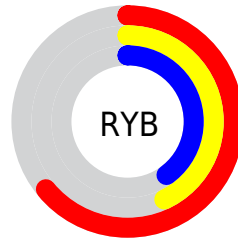
Distribution



Red (64%)

Green (42%)

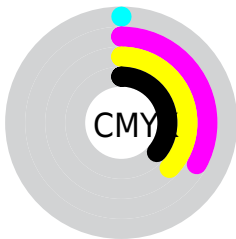
Blue (40%)



Red (64%)

Yellow (43%)

Blue (40%)

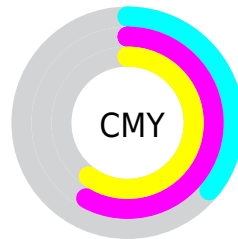


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (36%)



Cyan (36%)


Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.3658, 0.3966, 0.3389 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 19.3658, 0.3966, 0.3389 by changing the saturation by 10% instead.


 19.3658, 0.3966,
0.3389

 19.3658, 0.3966,
0.3389

248.4608, 0.3481,
0.3345


 11.9349, 0.4115,
0.3395


 42.3513, 0.3771,
0.3376


 6.6994, 0.4326,
0.3398


 58.6747, 0.3704,
0.3370

 3.2748, 0.4648,
0.3390

 78.7310, 0.3649,
0.3364

 1.2768, 0.5288,
0.3406

 102.9047, 0.3604,
0.3360

 0.1232, 0.8352,
0.1648

131.5801, 0.3566,
0.3355

 0.0000, 0.0000,
0.0000

165.1417, 0.3533,

0.3352

203.9738, 0.3505,
0.3348

■ 19.3658, 0.3966,
0.3389

■ 19.3658, 0.3966,
0.3389

■ 16.2532, 0.4312,
0.3415

■ 23.0576, 0.3676,
0.3361

■ 13.6877, 0.4713,
0.3435

■ 27.3529, 0.3437,
0.3334

■ 11.6385, 0.5151,
0.3445


■ 32.2782, 0.3242,
0.3307

■ 10.0704, 0.5589,
0.3439


■ 37.8574, 0.3083,
0.3283


■ 8.9439, 0.5971,
0.3414


■ 44.1133, 0.2954,
0.3261

 8.2114, 0.6245,
0.3376

 51.0675, 0.2847,
0.3241

 8.0588, 0.6312,
0.3371

 58.7406, 0.2759,
0.3223

 67.1526, 0.2685,
0.3206

 76.3224, 0.2624,
0.3191

Harmonies

Analogous

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



19.3658, 0.3669, 0.3037



19.3658, 0.3966, 0.3389



19.3658, 0.4016, 0.3743

Triad

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



19.3658, 0.3966, 0.3389



19.3658, 0.2982, 0.3929



19.3658, 0.2459, 0.2583

Complementary

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



19.3658, 0.3966, 0.3389



29.2163, 0.2606, 0.3187

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.



19.3658, 0.2308, 0.2755



19.3658, 0.3966, 0.3389



19.3658, 0.2592, 0.3539

Square

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



19.3658, 0.3966, 0.3389



19.3658, 0.3429, 0.4103



19.3658, 0.2354, 0.3097



19.3658, 0.2784, 0.2589

Rectangle

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



19.3658, 0.3966, 0.3389



19.3658, 0.3904, 0.3940



19.3658, 0.2354, 0.3097



19.3658, 0.2388, 0.2620

Sweetspot

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



19.3667, 0.3966, 0.3389



54.7204, 0.3319, 0.3318



19.6206, 0.3230, 0.2462



12.0323, 0.3344, 0.3321



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.3667, 0.3966, 0.3389



30.6592, 0.4231, 0.3409



26.5356, 0.3799, 0.3841



7.1946, 0.3282, 0.3313



6.3799, 0.6302, 0.3378



0.1659, 0.5913, 0.3687

Inverse Universe

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



29.2163, 0.2606, 0.3187



51.0276, 0.2515, 0.3162



20.6144, 0.2533, 0.2665



7.8898, 0.2988, 0.3267



18.2415, 0.2161, 0.2979



0.4157, 0.2195, 0.3101

Previews

White Background



This preview shows how the Yxy color 19.3658, 0.3966, 0.3389 looks on a white background.

Color Contrast Check

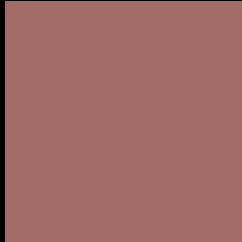
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3658, 0.3966, 0.3389 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 19.3658, 0.3966, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 19.3658, 0.3966, 0.3389.

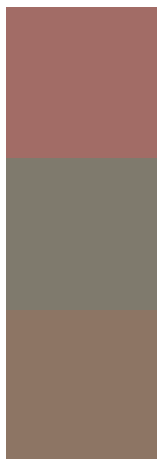


This preview shows how white text looks on a background with the Yxy color 19.3658, 0.3966, 0.3389.

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

19.3658, 0.3966, 0.3389

Protanopia

19.5352, 0.3342, 0.3534

Deuteranopia

19.3054, 0.3659, 0.3595



Tritanopia

19.3095, 0.3817, 0.3164

Trichromacy



Original Color

19.3658, 0.3966, 0.3389

Protanomaly

19.3386, 0.3567, 0.3488

Deuteranomaly

19.3638, 0.3769, 0.3516

Tritanomaly

19.4277, 0.3870, 0.3244

Monochromacy



Original Color

19.3658, 0.3966, 0.3389

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.5130, 0.3409, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3658, 0.3966, 0.3389 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(162, 108, 102)` looks like.

```
.text, #text, p{  
    color:rgb(162, 108, 102)  
}
```

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(162, 108, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 108, 102) }
```

Border

The CSS property to change the border of an element to Yxy 19.3658, 0.3966, 0.3389 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(162, 108, 102) }
```

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

```
.border{ border-color:rgb(162, 108, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 108, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 108, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 108, 102);  
box-shadow:4px 4px 4px 4px rgb(162, 108,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3658, 0.3966, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 108, 102) }
```

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

```
.background{ background-color: rgb(162,  
108, 102) }
```

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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