

Converting Colors

$Y_{xy}(18.6581, 0.3960, 0.3399)$

Have a look what the booklet for
Yxy(18.6581, 0.3960, 0.3399)
contains.

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Color

Yxy(18.5991, 0.3966, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	9F6A64
RGB	159, 106, 100
RGB Percent	62%, 42%, 39%
CMY	0.3764, 0.5843, 0.6079
CMYK	0.00, 0.33, 0.37, 0.38
HSL	6°, 24%, 51%
HSV	6°, 37%, 62%
XYZ	21.7529, 18.5991, 14.4964
YIQ	121.1630, 33.5140, 9.3700

Conversions

Conversions Part 2

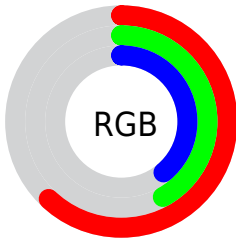
Format	Color
R _Y B	159, 107, 100
Decimal	10447460
CIE Lab	50.21, 20.43, 12.04
CIE LCh	50, 23.715, 30.507
Yxy	18.5991, 0.3966, 0.3391
Android (android.graphics.Color)	4288637540 (0xFF9F6A64)
YUV	121.1630, -10.4334, 33.1830
Hunter-Lab	43.1267, 14.5629, 10.2592

Details

The Yxy color **18.5991, 0.3966, 0.3391** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9918, 0.2606, 0.3185**, and the grayscale version is **19.2025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.1352, 0.3764, 0.3378**, and **6.3473, 0.4351, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **15.6193, 0.4311, 0.3417**, and if you desaturate by 10%, it is **22.1309, 0.3677, 0.3363**.

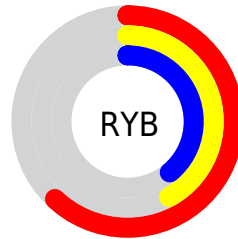
Distribution



Red (62%)

Green (42%)

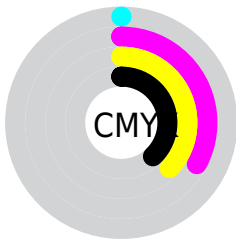
Blue (39%)



Red (62%)

Yellow (42%)

Blue (39%)

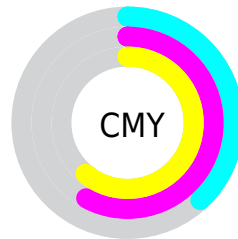


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (38%)



Cyan (38%)


Magenta (58%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5991, 0.3966, 0.3391 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 18.5991, 0.3966, 0.3391 by changing the saturation by 10% instead.


 18.5991, 0.3966,
0.3391


 18.5991, 0.3966,
0.3391


244.2265, 0.3478,
0.3346


 11.3810, 0.4117,
0.3398


 41.0556, 0.3769,
0.3377


 6.3237, 0.4333,
0.3401


 57.0627, 0.3701,
0.3371

 3.0429, 0.4664,
0.3393

 76.7682, 0.3646,
0.3365

 1.1542, 0.5392,
0.3445

 100.5566, 0.3601,
0.3361

 0.0238, 0.9564,
0.0436

128.8123, 0.3563,
0.3356

 0.0000, 0.0000,
0.0000

161.9195, 0.3531,

0.3352

200.2628, 0.3503,
0.3349

■ 18.5991, 0.3966,
0.3391

■ 18.5991, 0.3966,
0.3391

■ 15.6193, 0.4311,
0.3417

■ 22.1309, 0.3677,
0.3363

■ 13.1611, 0.4711,
0.3438

■ 26.2379, 0.3438,
0.3335

■ 11.1951, 0.5147,
0.3448


■ 30.9450, 0.3243,
0.3308


■ 9.6881, 0.5584,
0.3442


■ 36.2751, 0.3085,
0.3283

■ 8.6027, 0.5966,
0.3417


■ 42.2498, 0.2955,
0.3260

 7.8934, 0.6241,
0.3379

 48.8896, 0.2848,
0.3240

 7.7484, 0.6308,
0.3374

 56.2142, 0.2760,
0.3221

 64.2424, 0.2686,
0.3205

 72.9923, 0.2625,
0.3190

Harmonies

Analogous

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



18.5991, 0.3670, 0.3039



18.5991, 0.3966, 0.3391



18.5991, 0.4014, 0.3745

Triad

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



18.5991, 0.3966, 0.3391



18.5991, 0.2980, 0.3927



18.5991, 0.2461, 0.2584

Complementary

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



18.5991, 0.3966, 0.3391



27.9918, 0.2606, 0.3185

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.



18.5991, 0.2309, 0.2754



18.5991, 0.3966, 0.3391



18.5991, 0.2591, 0.3537

Square

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



18.5991, 0.3966, 0.3391



18.5991, 0.3426, 0.4102



18.5991, 0.2354, 0.3095



18.5991, 0.2787, 0.2591

Rectangle

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



18.5991, 0.3966, 0.3391



18.5991, 0.3902, 0.3941



18.5991, 0.2354, 0.3095



18.5991, 0.2389, 0.2620

Sweetspot

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



18.6000, 0.3966, 0.3391



51.8332, 0.3318, 0.3319



18.7868, 0.3242, 0.2475



11.4447, 0.3343, 0.3322



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



18.6000, 0.3966, 0.3391



28.5913, 0.4265, 0.3414



25.7310, 0.3794, 0.3856



6.7496, 0.3282, 0.3313



6.1510, 0.6298, 0.3381



0.1379, 0.5885, 0.3709

Inverse Universe

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



27.9918, 0.2606, 0.3185



48.0012, 0.2504, 0.3156



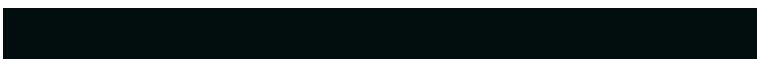
19.5260, 0.2530, 0.2646



7.3939, 0.2988, 0.3267



17.4796, 0.2159, 0.2973



0.3425, 0.2197, 0.3111

Previews

White Background



This preview shows how the Yxy color 18.5991, 0.3966, 0.3391 looks on a white background.

Color Contrast Check

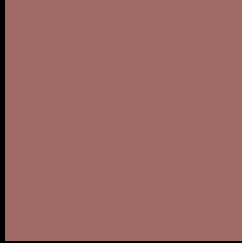
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5991, 0.3966, 0.3391 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 18.5991, 0.3966, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 18.5991, 0.3966, 0.3391.

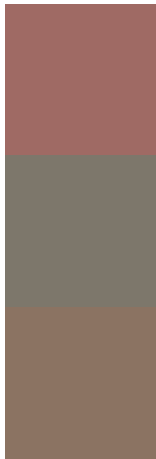


This preview shows how white text looks on a background with the Yxy color 18.5991, 0.3966, 0.3391.

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

18.5991, 0.3966, 0.3391

Protanopia

18.6152, 0.3348, 0.3519

Deuteranopia

18.6323, 0.3667, 0.3599



Tritanopia

18.5441, 0.3815, 0.3162

Trichromacy



Original Color

18.5991, 0.3966, 0.3391

Protanomaly

18.3525, 0.3565, 0.3474

Deuteranomaly

18.6002, 0.3766, 0.3520

Tritanomaly

18.6594, 0.3868, 0.3243

Monochromacy



Original Color

18.5991, 0.3966, 0.3391

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.8339, 0.3414, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5991, 0.3966, 0.3391 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(159, 106, 100)` looks like.

```
.text, #text, p{  
    color:rgb(159, 106, 100)  
}
```

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(159, 106, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 106, 100) }
```

Border

The CSS property to change the border of an element to Yxy 18.5991, 0.3966, 0.3391 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(159, 106, 100) }
```

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

```
.border{ border-color:rgb(159, 106, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 106, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 106, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 106, 100);  
box-shadow:4px 4px 4px 4px rgb(159, 106,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5991, 0.3966, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 106, 100) }
```

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

```
.background{ background-color: rgb(159,  
106, 100) }
```

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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