

Converting Colors

$Y_{xy}(18.4187, 0.3853, 0.3325)$

Have a look what the booklet for
Yxy(18.4187, 0.3853, 0.3325)
contains.

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Color

Yxy(18.3755, 0.3866, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	9C6A68
RGB	156, 106, 104
RGB Percent	61%, 42%, 41%
CMY	0.3883, 0.5842, 0.5922
CMYK	0.00, 0.32, 0.33, 0.39
HSL	2°, 21%, 51%
HSV	2°, 33%, 61%
XYZ	21.3589, 18.3755, 15.5137
YIQ	120.7220, 30.4420, 9.9780

Conversions

Conversions Part 2

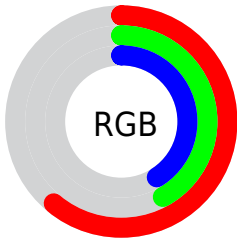
Format	Color
R _Y B	156, 106, 104
Decimal	10250856
CIE Lab	49.95, 19.72, 9.24
CIE LCh	50, 21.782, 25.113
Yxy	18.3755, 0.3866, 0.3326
Android (android.graphics.Color)	4288440936 (0xFF9C6A68)
YUV	120.7220, -8.2439, 30.9388
Hunter-Lab	42.8667, 13.9234, 8.5493

Details

The Yxy color **18.3755, 0.3866, 0.3326** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.4341, 0.2661, 0.3254**, and the grayscale version is **19.0460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.8173, 0.3694, 0.3329**, and **6.2051, 0.4194, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **15.2638, 0.4203, 0.3337**, and if you desaturate by 10%, it is **22.0875, 0.3588, 0.3315**.

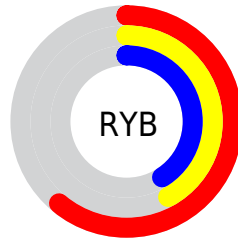
Distribution



Red (61%)

Green (42%)

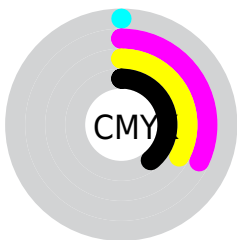
Blue (41%)



Red (61%)

Yellow (42%)

Blue (41%)

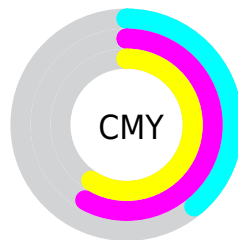


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (39%)



Cyan (39%)


Magenta (58%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3755, 0.3866, 0.3326 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 18.3755, 0.3866, 0.3326 by changing the saturation by 10% instead.


 18.3755, 0.3866,
0.3326

 18.3755, 0.3866,
0.3326


242.9791, 0.3436,
0.3315


 11.2199, 0.4000,
0.3324


 40.6761, 0.3692,
0.3324

 6.2150, 0.4193,
0.3318

 56.5900, 0.3632,
0.3323

 2.9762, 0.4490,
0.3298

 76.1920, 0.3584,
0.3321

 1.1193, 0.5088,
0.3288

 99.8667, 0.3544,
0.3320

 0.0000, 1.0000,
0.0000

127.9983, 0.3510,
0.3318

 0.0000, 0.0000,
0.0000


160.9713, 0.3482,

0.3317


199.1701, 0.3457,
0.3316


 18.3755, 0.3866,
0.3326


 18.3755, 0.3866,
0.3326


 15.2638, 0.4203,
0.3337


 22.0875, 0.3588,
0.3315


 12.7184, 0.4601,
0.3346


 26.4263, 0.3362,
0.3304


 10.7061, 0.5047,
0.3352


 31.4198, 0.3180,
0.3293

 9.1890, 0.5506,
0.3352


 37.0936, 0.3032,
0.3284


 8.1241, 0.5921,
0.3344


 43.4719, 0.2913,
0.3275

 7.4616, 0.6223,
0.3329

 50.5778, 0.2815,
0.3268

 7.1979, 0.6366,
0.3327

 58.4331, 0.2735,
0.3261

 67.0589, 0.2669,
0.3254

 76.4754, 0.2613,
0.3249

Harmonies

Analogous

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



18.3755, 0.3561, 0.3005



18.3755, 0.3866, 0.3326



18.3755, 0.3955, 0.3659

Triad

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



18.3755, 0.3866, 0.3326



18.3755, 0.3067, 0.3920



18.3755, 0.2472, 0.2652

Complementary

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



18.3755, 0.3866, 0.3326



28.4341, 0.2661, 0.3254

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.



18.3755, 0.2362, 0.2843



18.3755, 0.3866, 0.3326



18.3755, 0.2689, 0.3590

Square

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



18.3755, 0.3866, 0.3326



18.3755, 0.3477, 0.4040



18.3755, 0.2438, 0.3182



18.3755, 0.2749, 0.2628

Rectangle

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



18.3755, 0.3866, 0.3326



18.3755, 0.3881, 0.3851



18.3755, 0.2438, 0.3182



18.3755, 0.2415, 0.2697

Sweetspot

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



18.3764, 0.3866, 0.3326



50.7277, 0.3301, 0.3300



19.3043, 0.3186, 0.2510



10.9115, 0.3326, 0.3302



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.



18.3764, 0.3866, 0.3326



29.0695, 0.4112, 0.3334



24.4896, 0.3731, 0.3742



6.6857, 0.3283, 0.3299



5.9430, 0.6362, 0.3330



0.1171, 0.6182, 0.3473

Inverse Universe

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



28.4341, 0.2661, 0.3254



50.2113, 0.2573, 0.3245



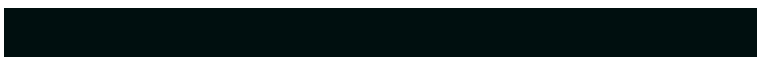
20.8446, 0.2603, 0.2789



7.4650, 0.2988, 0.3281



19.9304, 0.2214, 0.3170



0.3686, 0.2228, 0.3221

Previews

White Background



This preview shows how the Yxy color 18.3755, 0.3866, 0.3326 looks on a white background.

Color Contrast Check

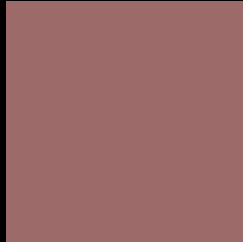
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3755, 0.3866, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

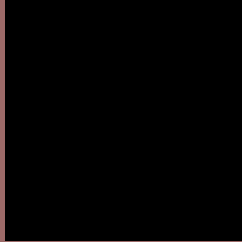
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3755, 0.3866, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 18.3755, 0.3866, 0.3326.



This preview shows how white text looks on a background with the Yxy color 18.3755, 0.3866, 0.3326.

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

18.3755, 0.3866, 0.3326

Protanopia

18.5523, 0.3273, 0.3443

Deuteranopia

18.5391, 0.3587, 0.3529



Tritanopia

18.4635, 0.3754, 0.3160

Trichromacy



Original Color

18.3755, 0.3866, 0.3326

Protanomaly

18.2682, 0.3485, 0.3401

Deuteranomaly

18.4969, 0.3683, 0.3451

Tritanomaly

18.3970, 0.3798, 0.3209

Monochromacy



Original Color

18.3755, 0.3866, 0.3326

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.7969, 0.3375, 0.3309

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3755, 0.3866, 0.3326 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(156, 106, 104)` looks like.

```
.text, #text, p{  
    color:rgb(156, 106, 104)  
}
```

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(156, 106, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 106, 104) }
```

Border

The CSS property to change the border of an element to Yxy 18.3755, 0.3866, 0.3326 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(156, 106, 104) }
```

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

```
.border{ border-color:rgb(156, 106, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 106, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 106, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 106, 104);  
box-shadow:4px 4px 4px 4px rgb(156, 106,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3755, 0.3866, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 106, 104) }
```

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

```
.background{ background-color: rgb(156,  
106, 104) }
```

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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