

Converting Colors

$Yxy(19.8764, 0.3466, 0.3607)$

Have a look what the booklet for
Yxy(19.8764, 0.3466, 0.3607)
contains.

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Color

Yxy(19.9255, 0.3468, 0.3603)

Conversions

Conversions Part 1

Format	Color
Hex	857A69
RGB	133, 122, 105
RGB Percent	52%, 48%, 41%
CMY	0.4785, 0.5215, 0.5883
CMYK	0.00, 0.08, 0.21, 0.48
HSL	36°, 12%, 47%
HSV	36°, 21%, 52%
XYZ	19.1789, 19.9255, 16.1981
YIQ	123.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

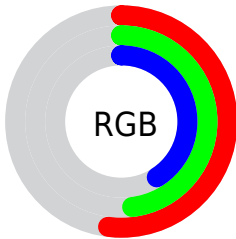
Format	Color
R_{YB}	123, 133, 105
Decimal	8747625
CIE _{Lab}	51.75, 1.23, 10.84
CIE _{LCh}	52, 10.911, 83.527
Yxy	19.9255, 0.3468, 0.3603
Android (android.graphics.Color)	4286937705 (0xFF857A69)
YUV	123.3510, -9.0470, 8.4622
Hunter-Lab	44.6380, -1.4231, 9.7316

Details

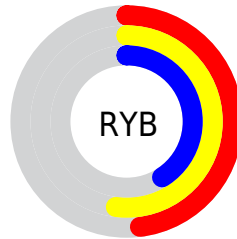
The Yxy color **19.9255, 0.3468, 0.3603** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1766, 0.2805, 0.2956**, and the grayscale version is **19.9561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1115, 0.3390, 0.3531**, and **6.9096, 0.3608, 0.3714** is the 20% darker color. If you saturate the color by 10%, you get **18.4285, 0.3657, 0.3759**, and if you desaturate by 10%, it is **21.5357, 0.3296, 0.3450**.

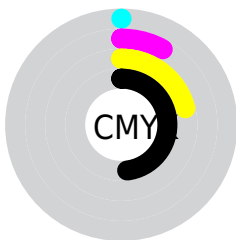
Distribution



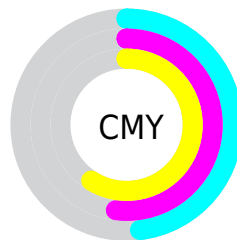
- Red (52%)
- Green (48%)
- Blue (41%)



- Red (48%)
- Yellow (52%)
- Blue (41%)



- Cyan (0%)
- Magenta (8%)
- Yellow (21%)
- Black (48%)





- Cyan (48%)
- Magenta (52%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9255, 0.3468, 0.3603 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 19.9255, 0.3468, 0.3603 by changing the saturation by 10% instead.


 19.9255, 0.3468,
0.3603


 19.9255, 0.3468,
0.3603


251.5115, 0.3273,
0.3425


 12.3409, 0.3527,
0.3656


 43.2922, 0.3390,
0.3532


 6.9763, 0.3610,
0.3731


 59.8432, 0.3363,
0.3508

 3.4473, 0.3736,
0.3842

 80.1517, 0.3341,
0.3488

 1.3695, 0.3982,
0.4063

 104.6021, 0.3323,
0.3471

 0.1941, 0.5250,
0.4750

133.5790, 0.3308,
0.3457

 0.0000, 0.0000,
0.0000

167.4665, 0.3295,

0.3445

206.6493, 0.3283,
0.3434

■ 19.9255, 0.3468,
0.3603

■ 19.9255, 0.3468,
0.3603

■ 18.4285, 0.3657,
0.3759

■ 21.5357, 0.3296,
0.3450

■ 17.0389, 0.3861,
0.3914

■ 23.2592, 0.3142,
0.3305

■ 15.7545, 0.4077,
0.4061

■ 25.0997, 0.3005,
0.3168

■ 14.5716, 0.4300,
0.4190

■ 27.0599, 0.2882,
0.3040

■ 13.4867, 0.4521,
0.4292

■ 29.1423, 0.2774,
0.2922

■ 12.4956, 0.4729,
0.4355

■ 31.3494, 0.2677,
0.2813

■ 11.5937, 0.4913,
0.4372

■ 33.6835, 0.2592,
0.2713

■ 10.8509, 0.5064,
0.4361

■ 36.1469, 0.2517,
0.2622

■ 38.7419, 0.2449,
0.2538

Harmonies

Analogous

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



19.9255, 0.3529, 0.3476



19.9255, 0.3468, 0.3603



19.9255, 0.3315, 0.3648

Triad

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



19.9255, 0.3468, 0.3603



19.9255, 0.2787, 0.3256



19.9255, 0.3129, 0.3013

Complementary

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



19.9255, 0.3468, 0.3603



17.1766, 0.2805, 0.2956

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.



19.9255, 0.2934, 0.2953



19.9255, 0.3468, 0.3603



19.9255, 0.2741, 0.3085

Square

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



19.9255, 0.3468, 0.3603



19.9255, 0.2923, 0.3444



19.9255, 0.2794, 0.2977



19.9255, 0.3330, 0.3141

Rectangle

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



19.9255, 0.3468, 0.3603



19.9255, 0.3183, 0.3622



19.9255, 0.2794, 0.2977



19.9255, 0.3061, 0.2984

Sweetspot

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



19.9264, 0.3468, 0.3603



40.0707, 0.3219, 0.3378



16.3519, 0.3372, 0.3084



8.9912, 0.3227, 0.3386



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.9264, 0.3468, 0.3603



34.4597, 0.3551, 0.3674



22.5477, 0.3397, 0.3798



5.1248, 0.3266, 0.3422



10.3558, 0.5062, 0.4363



0.0501, 0.4600, 0.4729

Inverse Universe

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



17.1766, 0.2805, 0.2956



28.6605, 0.2731, 0.2874



14.9700, 0.2825, 0.2738



4.8217, 0.2992, 0.3155



3.9766, 0.1692, 0.1290



0.0273, 0.1920, 0.2110

Previews

White Background



This preview shows how the Yxy color 19.9255, 0.3468, 0.3603 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 19.9255, 0.3468, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

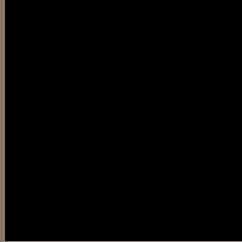
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9255, 0.3468, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 19.9255, 0.3468, 0.3603.



This preview shows how white text looks on a background with the Yxy color 19.9255, 0.3468, 0.3603.

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

19.9255, 0.3468, 0.3603

Protanopia

19.9524, 0.3414, 0.3606

Deuteranopia

19.9850, 0.3586, 0.3521



Tritanopia

19.9864, 0.3235, 0.3131

Trichromacy



Original Color

19.9255, 0.3468, 0.3603

Protanomaly

20.0318, 0.3427, 0.3604

Deuteranomaly

19.9625, 0.3542, 0.3542

Tritanomaly

19.9399, 0.3317, 0.3291

Monochromacy



Original Color

19.9255, 0.3468, 0.3603

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.9389, 0.3257, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9255, 0.3468, 0.3603 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(133, 122, 105)` looks like.

```
.text, #text, p{  
    color:rgb(133, 122, 105)  
}
```

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(133, 122, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 122, 105) }
```

Border

The CSS property to change the border of an element to Yxy 19.9255, 0.3468, 0.3603 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(133, 122, 105) }
```

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

```
.border{ border-color:rgb(133, 122, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 122, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 122, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 122, 105);  
box-shadow:4px 4px 4px 4px rgb(133, 122,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9255, 0.3468, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 122, 105) }
```

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

```
.background{ background-color: rgb(133,  
122, 105) }
```

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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