

Converting Colors

$Y_{xy}(21.0462, 0.3695, 0.3416)$

Have a look what the booklet for
Yxy(21.0462, 0.3695, 0.3416)
contains.

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Color

Yxy(21.0731, 0.3698, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	9B766F
RGB	155, 118, 111
RGB Percent	61%, 46%, 44%
CMY	0.3921, 0.5373, 0.5648
CMYK	0.00, 0.24, 0.28, 0.39
HSL	10°, 18%, 52%
HSV	10°, 28%, 61%
XYZ	22.8663, 21.0731, 17.8948
YIQ	128.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

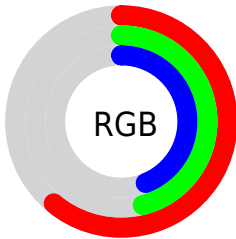
Format	Color
R_{YB}	155, 119, 111
Decimal	10188399
CIE _{Lab}	53.03, 13.43, 9.46
CIE _{LCh}	53, 16.432, 35.169
Yxy	21.0731, 0.3698, 0.3408
Android (android.graphics.Color)	4288378479 (0xFF9B766F)
YUV	128.2650, -8.5116, 23.4466
Hunter-Lab	45.9054, 8.5794, 9.0214

Details

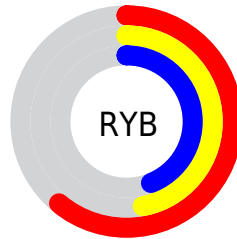
The Yxy color $21.0731, 0.3698, 0.3408$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.9229, 0.2713, 0.3168$, and the grayscale version is $21.7073, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.0954, 0.3563, 0.3378$, and $7.6228, 0.3942, 0.3462$ is the 20% darker color. If you saturate the color by 10%, you get $17.9020, 0.3983, 0.3452$, and if you desaturate by 10%, it is $24.7294, 0.3461, 0.3364$.

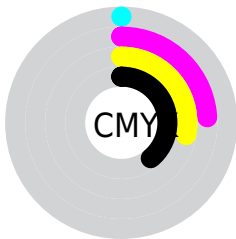
Distribution



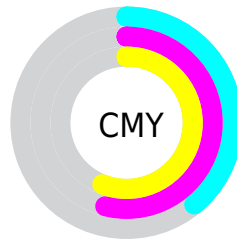
- Red (61%)
- Green (46%)
- Blue (44%)



- Red (61%)
- Yellow (47%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (28%)
- Black (39%)





- Cyan (39%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0731, 0.3698, 0.3408 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 21.0731, 0.3698, 0.3408 by changing the saturation by 10% instead.


 21.0731, 0.3698,
0.3408


 21.0731, 0.3698,
0.3408


257.6667, 0.3372,
0.3347


 13.1774, 0.3796,
0.3423


 45.2092, 0.3568,
0.3386


 7.5509, 0.3935,
0.3441


 62.2184, 0.3523,
0.3378

 3.8089, 0.4144,
0.3463

 83.0342, 0.3486,
0.3371

 1.5673, 0.4496,
0.3484

 108.0411, 0.3456,
0.3365

 0.3354, 0.6585,
0.3415

137.6233, 0.3430,
0.3359

 0.0000, 0.0000,
0.0000

172.1655, 0.3408,

0.3355

212.0518, 0.3389,
0.3351

■ 21.0731, 0.3698,
0.3408

■ 21.0731, 0.3698,
0.3408

■ 17.9020, 0.3983,
0.3452

■ 24.7294, 0.3461,
0.3364

■ 15.1928, 0.4319,
0.3492

■ 28.8870, 0.3265,
0.3323

■ 12.9246, 0.4702,
0.3524

■ 33.5651, 0.3103,
0.3284

■ 11.0740, 0.5119,
0.3540

■ 38.7807, 0.2970,
0.3248

■ 9.6151, 0.5536,
0.3533

■ 44.5503, 0.2860,
0.3216

■ 8.5191, 0.5904,
0.3497

■ 50.8896, 0.2768,
0.3187

■ 7.7497, 0.6186,
0.3444

■ 57.8137, 0.2690,
0.3160

■ 7.6532, 0.6227,
0.3438

■ 65.3370, 0.2625,
0.3136

■ 73.4735, 0.2570,
0.3114

Harmonies

Analogous

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



21.0731, 0.3527, 0.3160



21.0731, 0.3698, 0.3408



21.0731, 0.3707, 0.3641

Triad

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



21.0731, 0.3698, 0.3408



21.0731, 0.2990, 0.3670



21.0731, 0.2704, 0.2803

Complementary

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



21.0731, 0.3698, 0.3408



26.9229, 0.2713, 0.3168

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.



21.0731, 0.2577, 0.2909



21.0731, 0.3698, 0.3408



21.0731, 0.2736, 0.3411

Square

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



21.0731, 0.3698, 0.3408



21.0731, 0.3289, 0.3813



21.0731, 0.2588, 0.3128



21.0731, 0.2945, 0.2821

Rectangle

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



21.0731, 0.3698, 0.3408



21.0731, 0.3620, 0.3756



21.0731, 0.2588, 0.3128



21.0731, 0.2648, 0.2825

Sweetspot

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



21.0741, 0.3698, 0.3408



51.1187, 0.3279, 0.3326



20.4853, 0.3238, 0.2699



11.3296, 0.3304, 0.3332



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.



21.0741, 0.3698, 0.3408



34.0818, 0.3870, 0.3435



26.7573, 0.3605, 0.3752



6.3739, 0.3279, 0.3326



6.1850, 0.6215, 0.3447



0.1278, 0.5636, 0.3907

Inverse Universe

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



26.9229, 0.2713, 0.3168



46.2779, 0.2630, 0.3138



20.7671, 0.2674, 0.2779



6.8588, 0.2989, 0.3254



14.8313, 0.2107, 0.2786



0.2613, 0.2176, 0.3032

Previews

White Background



This preview shows how the Yxy color 21.0731, 0.3698, 0.3408 looks on a white background.

Color Contrast Check

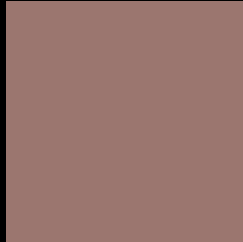
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0731, 0.3698, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

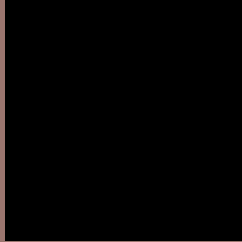
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0731, 0.3698, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 21.0731, 0.3698, 0.3408.



This preview shows how white text looks on a background with the Yxy color 21.0731, 0.3698, 0.3408.

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

21.0731, 0.3698, 0.3408

Protanopia

21.0650, 0.3325, 0.3490

Deuteranopia

21.0646, 0.3563, 0.3499



Tritanopia

21.1395, 0.3548, 0.3145

Trichromacy



Original Color

21.0731, 0.3698, 0.3408

Protanomaly

20.9563, 0.3446, 0.3449

Deuteranomaly

21.1901, 0.3619, 0.3479

Tritanomaly

21.1466, 0.3597, 0.3242

Monochromacy



Original Color

21.0731, 0.3698, 0.3408

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.2237, 0.3322, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0731, 0.3698, 0.3408 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(155, 118, 111)` looks like.

```
.text, #text, p{  
    color:rgb(155, 118, 111)  
}
```

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(155, 118, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 118, 111) }
```

Border

The CSS property to change the border of an element to Yxy 21.0731, 0.3698, 0.3408 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(155, 118, 111) }
```

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

```
.border{ border-color:rgb(155, 118, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 118, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 118, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 118, 111);  
box-shadow:4px 4px 4px 4px rgb(155, 118,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0731, 0.3698, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 118, 111) }
```

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

```
.background{ background-color: rgb(155,  
118, 111) }
```

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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