

Converting Colors

$Y_{xy}(21.1608, 0.3753, 0.3096)$

Have a look what the booklet for
Yxy(21.1608, 0.3753, 0.3096)
contains.

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Color

Yxy(21.0169, 0.3753, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	A96E7B
RGB	169, 110, 123
RGB Percent	66%, 43%, 48%
CMY	0.3373, 0.5686, 0.5177
CMYK	0.00, 0.35, 0.27, 0.34
HSL	347°, 26%, 55%
HSV	347°, 35%, 66%
XYZ	25.5098, 21.0169, 21.4451
YIQ	129.1230, 30.9910, 16.5510

Conversions

Conversions Part 2

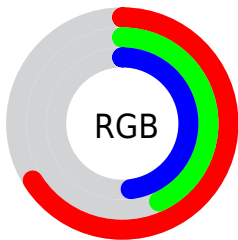
Format	Color
RYB	169, 110, 123
Decimal	11103867
CIELab	52.97, 25.25, 2.55
CIELCh	53, 25.375, 5.759
Yxy	21.0169, 0.3753, 0.3092
Android (android.graphics.Color)	4289293947 (0xFFA96E7B)
YUV	129.1230, -3.0186, 34.9721
Hunter-Lab	45.8442, 19.0984, 4.3561

Details

The Yxy color **21.0169, 0.3753, 0.3092** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.0869, 0.2735, 0.3502**, and the grayscale version is **22.0013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.9434, 0.3612, 0.3139**, and **7.4767, 0.4014, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **17.4038, 0.4027, 0.3036**, and if you desaturate by 10%, it is **25.3718, 0.3526, 0.3151**.

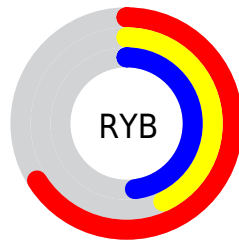
Distribution



Red (66%)

Green (43%)

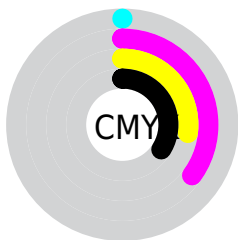
Blue (48%)



Red (66%)

Yellow (43%)

Blue (48%)

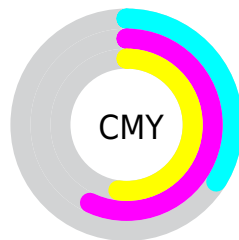


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (34%)



Cyan (34%)


Magenta (57%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.0169, 0.3753, 0.3092 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 21.0169, 0.3753, 0.3092 by changing the saturation by 10% instead.


 21.0169, 0.3753,
0.3092


 21.0169, 0.3753,
0.3092


257.3683, 0.3398,
0.3207


 13.1364, 0.3860,
0.3056


 45.1157, 0.3612,
0.3138

 7.5225, 0.4009,
0.3006


 62.1027, 0.3563,
0.3154

 3.7910, 0.4235,
0.2927

 82.8939, 0.3522,
0.3167

 1.5573, 0.4610,
0.2792

 107.8739, 0.3489,
0.3178

 0.3286, 0.6470,
0.2282

137.4269, 0.3461,
0.3187

 0.0000, 0.0000,
0.0000

171.9374, 0.3437,

0.3195

211.7897, 0.3416,
0.3201

■ 21.0169, 0.3753,
0.3092

■ 21.0169, 0.3753,
0.3092

■ 17.4038, 0.4027,
0.3036

■ 25.3718, 0.3526,
0.3151

■ 14.4882, 0.4351,
0.2988

■ 30.5037, 0.3341,
0.3209

■ 12.2254, 0.4721,
0.2957


■ 36.4492, 0.3190,
0.3264

■ 10.5646, 0.5117,
0.2952


■ 43.2416, 0.3068,
0.3316

■ 9.4472, 0.5509,
0.2981


■ 50.9123, 0.2968,
0.3363


 8.8015, 0.5852,
0.3047

 59.4913, 0.2887,
0.3406

 8.5679, 0.6005,
0.3082

 69.0069, 0.2820,
0.3445

 79.4864, 0.2765,
0.3481

 86.3415, 0.2710,
0.3437

Harmonies

Analogous

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



21.0169, 0.3314, 0.2785



21.0169, 0.3753, 0.3092



21.0169, 0.4018, 0.3458

Triad

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



21.0169, 0.3753, 0.3092



21.0169, 0.3354, 0.4114



21.0169, 0.2302, 0.2695

Complementary

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



21.0169, 0.3753, 0.3092



34.0869, 0.2735, 0.3502

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.



21.0169, 0.2311, 0.3016



21.0169, 0.3753, 0.3092



21.0169, 0.2898, 0.3887

Square

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



21.0169, 0.3753, 0.3092



21.0169, 0.3768, 0.4068



21.0169, 0.2521, 0.3462



21.0169, 0.2491, 0.2554

Rectangle

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



21.0169, 0.3753, 0.3092



21.0169, 0.4049, 0.3700



21.0169, 0.2521, 0.3462



21.0169, 0.2282, 0.2783

Sweetspot

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



21.0179, 0.3753, 0.3092



59.4808, 0.3266, 0.3236



21.0098, 0.3005, 0.2401



12.6566, 0.3287, 0.3228



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



21.0179, 0.3753, 0.3092



32.4563, 0.3964, 0.3047



24.4146, 0.3851, 0.3534



7.5683, 0.3252, 0.3241



6.3937, 0.5981, 0.3068



0.1628, 0.5121, 0.2595

Inverse Universe

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



21.0179, 0.3753, 0.3092



32.4563, 0.3964, 0.3047



29.0473, 0.2610, 0.3029



7.5683, 0.3252, 0.3241



6.3937, 0.5981, 0.3068



0.1628, 0.5121, 0.2595

Previews

White Background



This preview shows how the Yxy color 21.0169, 0.3753, 0.3092 looks on a white background.

Color Contrast Check

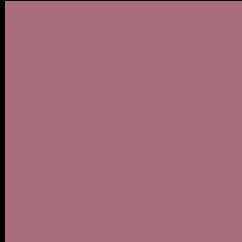
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0169, 0.3753, 0.3092 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 21.0169, 0.3753, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 21.0169, 0.3753, 0.3092.



This preview shows how white text looks on a background with the Yxy color 21.0169, 0.3753, 0.3092.

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

21.0169, 0.3753, 0.3092

Protanopia

21.1768, 0.3085, 0.3183

Deuteranopia

21.2091, 0.3374, 0.3326



Tritanopia

21.1358, 0.3804, 0.3168

Trichromacy



Original Color

21.0169, 0.3753, 0.3092

Protanomaly

20.8576, 0.3309, 0.3137

Deuteranomaly

20.9413, 0.3503, 0.3224

Tritanomaly

21.1600, 0.3790, 0.3153

Monochromacy



Original Color

21.0169, 0.3753, 0.3092

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3807, 0.3342, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0169, 0.3753, 0.3092 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(169, 110, 123)` looks like.

```
.text, #text, p{  
    color:rgb(169, 110, 123)  
}
```

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(169, 110, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 110, 123) }
```

Border

The CSS property to change the border of an element to Yxy 21.0169, 0.3753, 0.3092 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(169, 110, 123) }
```

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

```
.border{ border-color:rgb(169, 110, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 110, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 110, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 110, 123);  
box-shadow:4px 4px 4px 4px rgb(169, 110,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0169, 0.3753, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 110, 123) }
```

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

```
.background{ background-color: rgb(169,  
110, 123) }
```

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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