

Converting Colors

$Y_{xy}(21.0263, 0.3808, 0.3208)$

Have a look what the booklet for
Yxy(21.0263, 0.3808, 0.3208)
contains.

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Color

Yxy(21.0882, 0.3801, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	A77075
RGB	167, 112, 117
RGB Percent	65%, 44%, 46%
CMY	0.3451, 0.5607, 0.5412
CMYK	0.00, 0.33, 0.30, 0.35
HSL	355°, 24%, 55%
HSV	355°, 33%, 65%
XYZ	24.9397, 21.0882, 19.5856
YIQ	129.0150, 31.1750, 13.2150

Conversions

Conversions Part 2

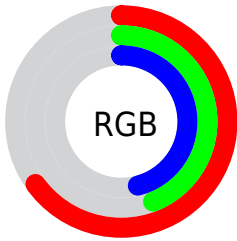
Format	Color
R_{YB}	167, 112, 117
Decimal	10973301
CIE Lab	53.05, 22.49, 6.15
CIE LCh	53, 23.315, 15.284
Yxy	21.0882, 0.3801, 0.3214
Android (android.graphics.Color)	4289163381 (0xFFA77075)
YUV	129.0150, -5.9234, 33.3128
Hunter-Lab	45.9219, 16.5782, 6.8582

Details

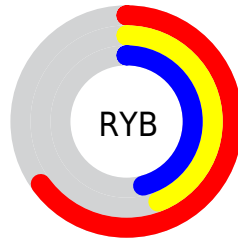
The Yxy color **21.0882, 0.3801, 0.3214** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.6875, 0.2703, 0.3370**, and the grayscale version is **21.9720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1035, 0.3646, 0.3232**, and **7.4954, 0.4072, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **17.4106, 0.4114, 0.3191**, and if you desaturate by 10%, it is **25.5092, 0.3544, 0.3238**.

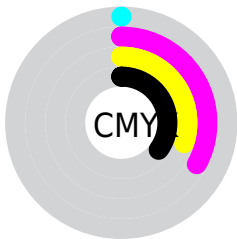
Distribution



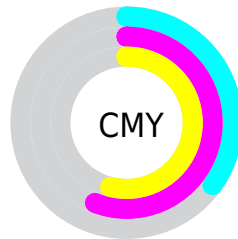
- Red (65%)
- Green (44%)
- Blue (46%)



- Red (65%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (35%)





- Cyan (35%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0882, 0.3801, 0.3214 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 21.0882, 0.3801, 0.3214 by changing the saturation by 10% instead.


 21.0882, 0.3801,
0.3214


 21.0882, 0.3801,
0.3214


257.7469, 0.3417,
0.3263


 13.1885, 0.3917,
0.3196


 45.2343, 0.3648,
0.3235


 7.5585, 0.4079,
0.3169


 62.2494, 0.3595,
0.3242

 3.8137, 0.4325,
0.3123

 83.0719, 0.3552,
0.3248

 1.5699, 0.4735,
0.3035

 108.0859, 0.3516,
0.3252

 0.3372, 0.7206,
0.2794

137.6761, 0.3485,
0.3256

 0.0000, 0.0000,
0.0000

172.2267, 0.3459,

0.3259

212.1222, 0.3437,
0.3261

■ 21.0882, 0.3801,
0.3214

■ 21.0882, 0.3801,
0.3214

■ 17.4106, 0.4114,
0.3191

■ 25.5092, 0.3544,
0.3238

■ 14.4326, 0.4486,
0.3173

■ 30.7081, 0.3337,
0.3262

■ 12.1109, 0.4910,
0.3162


■ 36.7208, 0.3170,
0.3284


■ 10.3956, 0.5358,
0.3164


■ 43.5802, 0.3035,
0.3304


■ 9.2302, 0.5781,
0.3183


■ 51.3175, 0.2926,
0.3323

 8.5470, 0.6118,
0.3218

 59.9620, 0.2837,
0.3340

 8.2493, 0.6289,
0.3238

 69.5418, 0.2764,
0.3356

 80.0839, 0.2704,
0.3370

 86.8675, 0.2644,
0.3303

Harmonies

Analogous

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



21.0882, 0.3437, 0.2905



21.0882, 0.3801, 0.3214



21.0882, 0.3972, 0.3557

Triad

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



21.0882, 0.3801, 0.3214



21.0882, 0.3204, 0.4003



21.0882, 0.2401, 0.2683

Complementary

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



21.0882, 0.3801, 0.3214



33.6875, 0.2703, 0.3370

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.



21.0882, 0.2350, 0.2931



21.0882, 0.3801, 0.3214



21.0882, 0.2795, 0.3725

Square

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



21.0882, 0.3801, 0.3214



21.0882, 0.3609, 0.4042



21.0882, 0.2489, 0.3314



21.0882, 0.2631, 0.2604

Rectangle

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



21.0882, 0.3801, 0.3214



21.0882, 0.3948, 0.3771



21.0882, 0.2489, 0.3314



21.0882, 0.2363, 0.2748

Sweetspot

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



21.0892, 0.3801, 0.3214



57.8104, 0.3287, 0.3268



22.0083, 0.3100, 0.2475



12.6243, 0.3311, 0.3265



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.



21.0892, 0.3801, 0.3214



32.5247, 0.4040, 0.3196



26.4350, 0.3761, 0.3631



7.5530, 0.3272, 0.3270



6.3168, 0.6275, 0.3230



0.1570, 0.5777, 0.2956

Inverse Universe

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



21.0892, 0.3801, 0.3214



32.5247, 0.4040, 0.3196



26.4850, 0.2623, 0.2921



7.5530, 0.3272, 0.3270



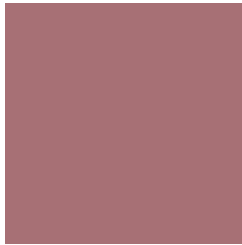
6.3168, 0.6275, 0.3230



0.1570, 0.5777, 0.2956

Previews

White Background



This preview shows how the Yxy color 21.0882, 0.3801, 0.3214 looks on a white background.

Color Contrast Check

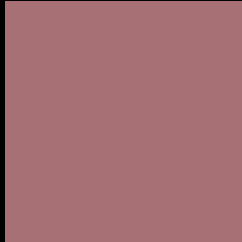
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0882, 0.3801, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

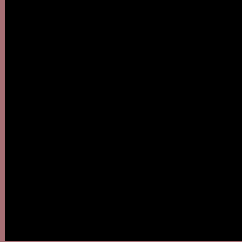
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0882, 0.3801, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 21.0882, 0.3801, 0.3214.



This preview shows how white text looks on a background with the Yxy color 21.0882, 0.3801, 0.3214.

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

21.0882, 0.3801, 0.3214

Protanopia

21.1482, 0.3186, 0.3308

Deuteranopia

21.0862, 0.3488, 0.3412



Tritanopia

21.1599, 0.3760, 0.3167

Trichromacy



Original Color

21.0882, 0.3801, 0.3214

Protanomaly

20.9195, 0.3392, 0.3274

Deuteranomaly

20.8932, 0.3593, 0.3325

Tritanomaly

21.1357, 0.3774, 0.3183

Monochromacy



Original Color

21.0882, 0.3801, 0.3214

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.4862, 0.3351, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0882, 0.3801, 0.3214 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(167, 112, 117)` looks like.

```
.text, #text, p{  
    color:rgb(167, 112, 117)  
}
```

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(167, 112, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 112, 117) }
```

Border

The CSS property to change the border of an element to Yxy 21.0882, 0.3801, 0.3214 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(167, 112, 117) }
```

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

```
.border{ border-color:rgb(167, 112, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 112, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 112, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 112, 117);  
box-shadow:4px 4px 4px 4px rgb(167, 112,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0882, 0.3801, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 112, 117) }
```

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

```
.background{ background-color: rgb(167,  
112, 117) }
```

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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