

Converting Colors

$Y_{xy}(21.1661, 0.3834, 0.3222)$

Have a look what the booklet for
Yxy(21.1661, 0.3834, 0.3222)
contains.

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Color

Yxy(21.2843, 0.3841, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	A97074
RGB	169, 112, 116
RGB Percent	66%, 44%, 45%
CMY	0.3372, 0.5608, 0.5450
CMYK	0.00, 0.34, 0.31, 0.34
HSL	356°, 25%, 55%
HSV	356°, 34%, 66%
XYZ	25.3105, 21.2843, 19.3008
YIQ	129.4990, 32.6880, 13.3280

Conversions

Conversions Part 2

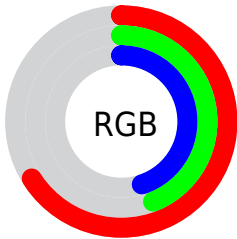
Format	Color
RYB	169, 112, 116
Decimal	11104372
CIELab	53.26, 23.15, 7.06
CIELCh	53, 24.203, 16.969
Yxy	21.2843, 0.3841, 0.3230
Android (android.graphics.Color)	4289294452 (0xFFA97074)
YUV	129.4990, -6.6550, 34.6424
Hunter-Lab	46.1349, 17.1925, 7.4901

Details

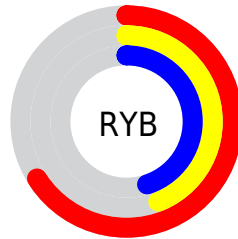
The Yxy color **21.2843, 0.3841, 0.3230** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.5400, 0.2686, 0.3353**, and the grayscale version is **22.1533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5468, 0.3684, 0.3245**, and **7.6172, 0.4134, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **17.5640, 0.4167, 0.3213**, and if you desaturate by 10%, it is **25.7685, 0.3573, 0.3248**.

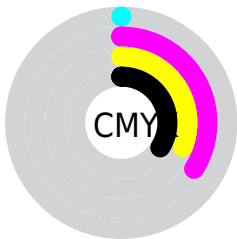
Distribution



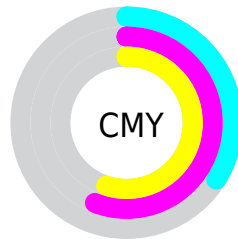
- Red (66%)
- Green (44%)
- Blue (45%)



- Red (66%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (34%)





- Cyan (34%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2843, 0.3841, 0.3230 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 21.2843, 0.3841, 0.3230 by changing the saturation by 10% instead.


 21.2843, 0.3841,
0.3230


 21.2843, 0.3841,
0.3230

258.7856, 0.3435,
0.3271

 13.3320, 0.3963,
0.3214


 45.5602, 0.3679,
0.3249

 7.6575, 0.4135,
0.3189


 62.6526, 0.3623,
0.3254

 3.8766, 0.4393,
0.3146

 83.5604, 0.3577,
0.3259

 1.6048, 0.4821,
0.3060

 108.6681, 0.3539,
0.3262

 0.3608, 0.7160,
0.2840


138.3601, 0.3507,
0.3265


 0.0000, 0.0000,
0.0000

173.0207, 0.3479,


0.3268


213.0344, 0.3455,
0.3270


 21.2843, 0.3841,
0.3230


 21.2843, 0.3841,
0.3230


 17.5640, 0.4167,
0.3213


 25.7685, 0.3573,
0.3248


 14.5622, 0.4554,
0.3199


 31.0526, 0.3357,
0.3267


 12.2333, 0.4990,
0.3193


 37.1740, 0.3183,
0.3284

 10.5255, 0.5444,
0.3197


 44.1670, 0.3043,
0.3300


 9.3791, 0.5862,
0.3214

 52.0638, 0.2930,
0.3314


 8.7230, 0.6179,
0.3243

 60.8950, 0.2838,
0.3328

 8.4622, 0.6318,
0.3254

 70.6898, 0.2762,
0.3340

 81.4761, 0.2700,
0.3350

 87.1759, 0.2647,
0.3289

Harmonies

Analogous

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



21.2843, 0.3472, 0.2908



21.2843, 0.3841, 0.3230



21.2843, 0.4004, 0.3584

Triad

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



21.2843, 0.3841, 0.3230



21.2843, 0.3181, 0.4019



21.2843, 0.2386, 0.2653

Complementary

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



21.2843, 0.3841, 0.3230



34.5400, 0.2686, 0.3353

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.



21.2843, 0.2323, 0.2899



21.2843, 0.3841, 0.3230



21.2843, 0.2762, 0.3719

Square

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



21.2843, 0.3841, 0.3230



21.2843, 0.3603, 0.4073



21.2843, 0.2454, 0.3290



21.2843, 0.2633, 0.2582

Rectangle

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



21.2843, 0.3841, 0.3230



21.2843, 0.3969, 0.3802



21.2843, 0.2454, 0.3290



21.2843, 0.2344, 0.2716

Sweetspot

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



21.2853, 0.3841, 0.3230



59.3269, 0.3291, 0.3273



22.3730, 0.3110, 0.2457



12.6193, 0.3315, 0.3271



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.



21.2853, 0.3841, 0.3230



33.3234, 0.4062, 0.3218



27.1445, 0.3777, 0.3654



7.5506, 0.3275, 0.3274



6.3094, 0.6305, 0.3247



0.1561, 0.5903, 0.3025

Inverse Universe

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



21.2853, 0.3841, 0.3230



33.3234, 0.4062, 0.3218



26.6382, 0.2608, 0.2893



7.5506, 0.3275, 0.3274



6.3094, 0.6305, 0.3247



0.1561, 0.5903, 0.3025

Previews

White Background



This preview shows how the Yxy color 21.2843, 0.3841, 0.3230 looks on a white background.

Color Contrast Check

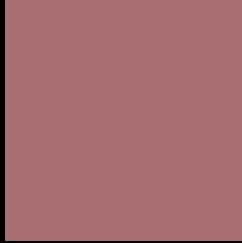
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2843, 0.3841, 0.3230 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 21.2843, 0.3841, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 21.2843, 0.3841, 0.3230.



This preview shows how white text looks on a background with the Yxy color 21.2843, 0.3841, 0.3230.

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

21.2843, 0.3841, 0.3230

Protanopia

21.4593, 0.3208, 0.3344

Deuteranopia

21.4006, 0.3510, 0.3446



Tritanopia

21.1600, 0.3790, 0.3153

Trichromacy



Original Color

21.2843, 0.3841, 0.3230

Protanomaly

21.3193, 0.3427, 0.3308

Deuteranomaly

21.3015, 0.3628, 0.3358

Tritanomaly

21.1358, 0.3804, 0.3168

Monochromacy



Original Color

21.2843, 0.3841, 0.3230

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.5759, 0.3364, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2843, 0.3841, 0.3230 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, 112, 116)` looks like.

```
.text, #text, p{  
    color:rgb(169, 112, 116)  
}
```

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, 112, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 112, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.2843, 0.3841, 0.3230 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, 112, 116) }
```

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

```
.border{ border-color:rgb(169, 112, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 112, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 112, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 112, 116);  
box-shadow:4px 4px 4px 4px rgb(169, 112,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2843, 0.3841, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 112, 116) }
```

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

```
.background{ background-color: rgb(169,  
112, 116) }
```

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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