

Converting Colors

$Y_{xy}(21.6705, 0.3826, 0.3285)$

Have a look what the booklet for
Yxy(21.6705, 0.3826, 0.3285)
contains.

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Color

Yxy(21.8241, 0.3828, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	A87373
RGB	168, 115, 115
RGB Percent	66%, 45%, 45%
CMY	0.3411, 0.5490, 0.5490
CMYK	0.00, 0.32, 0.32, 0.34
HSL	360°, 23%, 55%
HSV	360°, 32%, 66%
XYZ	25.3775, 21.8241, 19.0928
YIQ	130.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

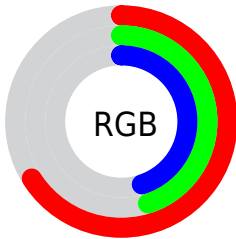
Format	Color
R_{YB}	168, 115, 115
Decimal	11039603
CIE _{Lab}	53.84, 20.93, 8.47
CIE _{LCh}	54, 22.578, 22.032
Yxy	21.8241, 0.3828, 0.3292
Android (android.graphics.Color)	4289229683 (0xFFA87373)
YUV	130.8470, -7.8126, 32.5832
Hunter-Lab	46.7163, 15.2123, 8.4698

Details

The Yxy color **21.8241, 0.3828, 0.3292** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.4872, 0.2684, 0.3289**, and the grayscale version is **22.6601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2747, 0.3666, 0.3292**, and **7.8791, 0.4110, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **17.9841, 0.4166, 0.3293**, and if you desaturate by 10%, it is **26.4351, 0.3552, 0.3291**.

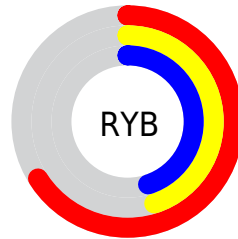
Distribution



Red (66%)

Green (45%)

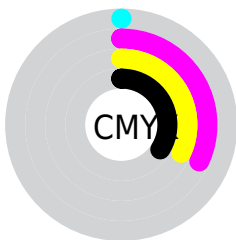
Blue (45%)



Red (66%)

Yellow (45%)

Blue (45%)

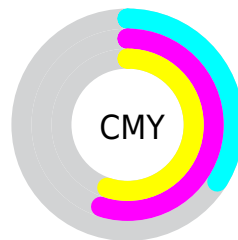


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (34%)



Cyan (34%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.8241, 0.3828, 0.3292 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 21.8241, 0.3828, 0.3292 by changing the saturation by 10% instead.


 21.8241, 0.3828,
0.3292


 21.8241, 0.3828,
0.3292


261.6263, 0.3430,
0.3299


 13.7277, 0.3947,
0.3286


 46.4551, 0.3670,
0.3297


 7.9315, 0.4114,
0.3275


 63.7585, 0.3615,
0.3298

 4.0512, 0.4363,
0.3251

 84.8997, 0.3570,
0.3299

 1.7022, 0.4775,
0.3196

 110.2631, 0.3533,
0.3299

 0.4251, 0.6833,
0.3167

140.2330, 0.3501,
0.3299

 0.0000, 0.0000,
0.0000

175.1939, 0.3474,

0.3299

215.5302, 0.3451,
0.3299

■ 21.8241, 0.3828,
0.3292

■ 21.8241, 0.3828,
0.3292

■ 17.9841, 0.4166,
0.3293

■ 26.4351, 0.3552,
0.3291

■ 14.8702, 0.4569,
0.3294

■ 31.8526, 0.3330,
0.3291

■ 12.4377, 0.5025,
0.3296


■ 38.1138, 0.3152,
0.3290

■ 10.6355, 0.5497,
0.3297


■ 45.2525, 0.3009,
0.3290

■ 9.4054, 0.5923,
0.3298

■ 53.3008, 0.2894,
0.3289

 8.6787, 0.6232,
0.3299

 62.2890, 0.2800,
0.3289

 8.3277, 0.6401,
0.3300

 72.2461, 0.2724,
0.3289

 83.2000, 0.2661,
0.3289

 87.0677, 0.2643,
0.3289

Harmonies

Analogous

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



21.8241, 0.3513, 0.2981



21.8241, 0.3828, 0.3292



21.8241, 0.3940, 0.3621

Triad

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



21.8241, 0.3828, 0.3292



21.8241, 0.3110, 0.3929



21.8241, 0.2465, 0.2677

Complementary

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



21.8241, 0.3828, 0.3292



34.4872, 0.2684, 0.3289

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.



21.8241, 0.2376, 0.2881



21.8241, 0.3828, 0.3292



21.8241, 0.2732, 0.3623

Square

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



21.8241, 0.3828, 0.3292



21.8241, 0.3509, 0.4022



21.8241, 0.2469, 0.3225



21.8241, 0.2723, 0.2636

Rectangle

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



21.8241, 0.3828, 0.3292



21.8241, 0.3883, 0.3814



21.8241, 0.2469, 0.3225



21.8241, 0.2416, 0.2727

Sweetspot

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



21.8251, 0.3828, 0.3292



60.3628, 0.3283, 0.3290



23.3189, 0.3153, 0.2521



12.8252, 0.3310, 0.3291



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.



21.8251, 0.3828, 0.3292



34.4821, 0.4063, 0.3293



28.5048, 0.3709, 0.3681



7.5423, 0.3286, 0.3290



6.2866, 0.6401, 0.3300



0.1530, 0.6400, 0.3300

Inverse Universe

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



21.8251, 0.3828, 0.3292



34.4821, 0.4063, 0.3293



25.9356, 0.2634, 0.2862



7.5423, 0.3286, 0.3290



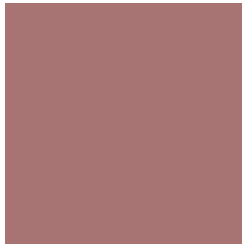
6.2866, 0.6401, 0.3300



0.1530, 0.6400, 0.3300

Previews

White Background



This preview shows how the Yxy color 21.8241, 0.3828, 0.3292 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 21.8241, 0.3828, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

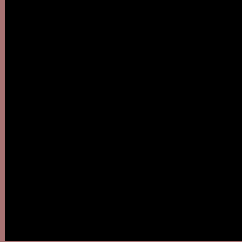
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.8241, 0.3828, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 21.8241, 0.3828, 0.3292.



This preview shows how white text looks on a background with the Yxy color 21.8241, 0.3828, 0.3292.

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

21.8241, 0.3828, 0.3292

Protanopia

22.0922, 0.3252, 0.3415

Deuteranopia

21.8106, 0.3544, 0.3479



Tritanopia

21.8748, 0.3750, 0.3169

Trichromacy



Original Color

21.8241, 0.3828, 0.3292

Protanomaly

21.8582, 0.3459, 0.3376

Deuteranomaly

21.8582, 0.3646, 0.3407

Tritanomaly

21.8016, 0.3791, 0.3215

Monochromacy



Original Color

21.8241, 0.3828, 0.3292

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.0772, 0.3359, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8241, 0.3828, 0.3292 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(168, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(168, 115, 115)  
}
```

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(168, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 115, 115) }
```

Border

The CSS property to change the border of an element to Yxy 21.8241, 0.3828, 0.3292 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(168, 115, 115) }
```

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

```
.border{ border-color:rgb(168, 115, 115) }
```

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

Here you see how a box with a 4 pixel rgb(168, 115, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(168, 115,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8241, 0.3828, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 115, 115) }
```

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

```
.background{ background-color: rgb(168,  
115, 115) }
```

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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