

Converting Colors

$Y_{xy}(22.1259, 0.3882, 0.3307)$

Have a look what the booklet for
Yxy(22.1259, 0.3882, 0.3307)
contains.

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Color

Yxy(22.1343, 0.3880, 0.3308)

Conversions

Conversions Part 1

Format	Color
Hex	AB7372
RGB	171, 115, 114
RGB Percent	67%, 45%, 45%
CMY	0.3294, 0.5490, 0.5530
CMYK	0.00, 0.33, 0.33, 0.33
HSL	1°, 25%, 56%
HSV	1°, 33%, 67%
XYZ	25.9616, 22.1343, 18.8155
YIQ	131.6300, 33.6970, 11.5610

Conversions

Conversions Part 2

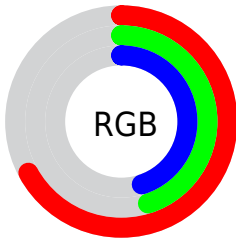
Format	Color
R_{YB}	171, 115, 114
Decimal	11236210
CIE _{Lab}	54.17, 21.96, 9.58
CIE _{LCh}	54, 23.961, 23.572
Yxy	22.1343, 0.3880, 0.3308
Android (android.graphics.Color)	4289426290 (0xFFAB7372)
YUV	131.6300, -8.6916, 34.5275
Hunter-Lab	47.0471, 16.1678, 9.2212

Details

The Yxy color **22.1343, 0.3880, 0.3308** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.2539, 0.2660, 0.3272**, and the grayscale version is **22.9572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8846, 0.3713, 0.3303**, and **8.0717, 0.4189, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **18.2947, 0.4227, 0.3314**, and if you desaturate by 10%, it is **26.7463, 0.3595, 0.3302**.

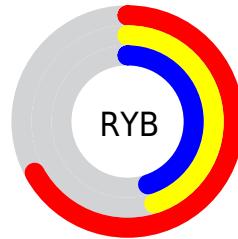
Distribution



Red (67%)

Green (45%)

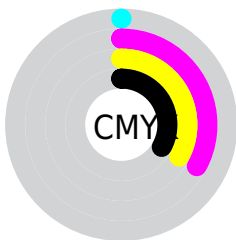
Blue (45%)



Red (67%)

Yellow (45%)

Blue (45%)

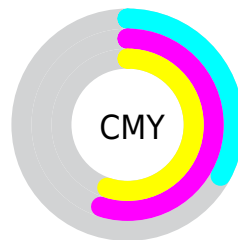


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (33%)



Cyan (33%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1343, 0.3880, 0.3308 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 22.1343, 0.3880, 0.3308 by changing the saturation by 10% instead.


 22.1343, 0.3880,
0.3308


 22.1343, 0.3880,
0.3308


263.2468, 0.3453,
0.3307

 13.9556, 0.4007,
0.3304


 46.9679, 0.3711,
0.3311


 8.0898, 0.4185,
0.3294


 64.3915, 0.3652,
0.3311

 4.1525, 0.4449,
0.3272

 85.6657, 0.3604,
0.3310

 1.7592, 0.4882,
0.3216

 111.1746, 0.3563,
0.3310

 0.4616, 0.6803,
0.3197


141.3028, 0.3529,
0.3309


 0.0000, 0.0000,
0.0000

176.4347, 0.3500,


0.3309

216.9545, 0.3475,
0.3308


 22.1343, 0.3880,
0.3308

 22.1343, 0.3880,
0.3308


 18.2947, 0.4227,
0.3314


 26.7463, 0.3595,
0.3302


 15.1822, 0.4636,
0.3319


 32.1663, 0.3365,
0.3297


 12.7522, 0.5093,
0.3322


 38.4316, 0.3181,
0.3292

 10.9532, 0.5559,
0.3322


 45.5760, 0.3032,
0.3287

 9.7270, 0.5971,
0.3318


 53.6318, 0.2912,
0.3283


 9.0044, 0.6259,
0.3311

 62.6293, 0.2814,
0.3279

 8.7254, 0.6386,
0.3311

 72.5978, 0.2735,
0.3276

 83.5650, 0.2669,
0.3273

 87.3981, 0.2657,
0.3289

Harmonies

Analogous

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



22.1343, 0.3555, 0.2980



22.1343, 0.3880, 0.3308



22.1343, 0.3985, 0.3652

Triad

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



22.1343, 0.3880, 0.3308



22.1343, 0.3085, 0.3955



22.1343, 0.2440, 0.2637

Complementary

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



22.1343, 0.3880, 0.3308



35.2539, 0.2660, 0.3272

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.



22.1343, 0.2337, 0.2841



22.1343, 0.3880, 0.3308



22.1343, 0.2692, 0.3622

Square

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



22.1343, 0.3880, 0.3308



22.1343, 0.3508, 0.4065



22.1343, 0.2425, 0.3198



22.1343, 0.2718, 0.2604

Rectangle

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



22.1343, 0.3880, 0.3308



22.1343, 0.3915, 0.3854



22.1343, 0.2425, 0.3198



22.1343, 0.2385, 0.2686

Sweetspot

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



22.1354, 0.3880, 0.3308



60.9999, 0.3302, 0.3295



23.5911, 0.3176, 0.2492



13.2735, 0.3329, 0.3296



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



22.1354, 0.3880, 0.3308



34.4515, 0.4129, 0.3312



29.6492, 0.3741, 0.3732



8.0377, 0.3286, 0.3295



6.5859, 0.6384, 0.3313



0.1906, 0.6310, 0.3372

Inverse Universe

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



35.2539, 0.2660, 0.3272



61.5755, 0.2575, 0.3268



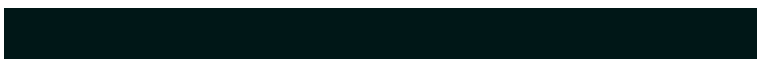
25.7246, 0.2601, 0.2801



9.0468, 0.2987, 0.3285



23.3104, 0.2232, 0.3233



0.6561, 0.2236, 0.3251

Previews

White Background



This preview shows how the Yxy color 22.1343, 0.3880, 0.3308 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 22.1343, 0.3880, 0.3308 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 22.1343, 0.3880, 0.3308

Background



This preview shows how black text looks on a background with the Yxy color 22.1343, 0.3880, 0.3308.



This preview shows how white text looks on a background with the Yxy color 22.1343, 0.3880, 0.3308.

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

22.1343, 0.3880, 0.3308

Protanopia

22.1740, 0.3264, 0.3414

Deuteranopia

22.2266, 0.3578, 0.3511



Tritanopia

22.2104, 0.3789, 0.3170

Trichromacy



Original Color

22.1343, 0.3880, 0.3308

Protanomaly

21.9503, 0.3471, 0.3376

Deuteranomaly

22.0351, 0.3685, 0.3422

Tritanomaly

22.1372, 0.3830, 0.3216

Monochromacy



Original Color

22.1343, 0.3880, 0.3308

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.5134, 0.3382, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1343, 0.3880, 0.3308 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(171, 115, 114)` looks like.

```
.text, #text, p{  
    color:rgb(171, 115, 114)  
}
```

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(171, 115, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 115, 114) }
```

Border

The CSS property to change the border of an element to Yxy 22.1343, 0.3880, 0.3308 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(171, 115, 114) }
```

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

```
.border{ border-color:rgb(171, 115, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 115, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 115, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 115, 114);  
box-shadow:4px 4px 4px 4px rgb(171, 115,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1343, 0.3880, 0.3308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 115, 114) }
```

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

```
.background{ background-color: rgb(171,  
115, 114) }
```

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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