

Converting Colors

$Y_{xy}(21.4521, 0.3936, 0.3197)$

Have a look what the booklet for
Yxy(21.4521, 0.3936, 0.3197)
contains.

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Color

Yxy(21.5268, 0.3928, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	AF6E74
RGB	175, 110, 116
RGB Percent	69%, 43%, 45%
CMY	0.3138, 0.5686, 0.5450
CMYK	0.00, 0.37, 0.34, 0.31
HSL	354°, 29%, 56%
HSV	354°, 37%, 69%
XYZ	26.4076, 21.5268, 19.2948
YIQ	130.1190, 36.8140, 15.6460

Conversions

Conversions Part 2

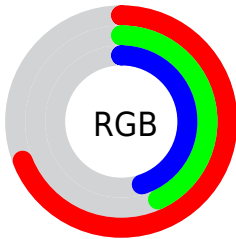
Format	Color
RYB	175, 110, 116
Decimal	11497076
CIELab	53.52, 26.60, 7.53
CIELCh	54, 27.646, 15.799
Yxy	21.5268, 0.3928, 0.3202
Android (android.graphics.Color)	4289687156 (0xFFAF6E74)
YUV	130.1190, -6.9607, 39.3606
Hunter-Lab	46.3970, 20.4016, 7.8214

Details

The Yxy color **21.5268, 0.3928, 0.3202** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.8360, 0.2656, 0.3384**, and the grayscale version is **22.3840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8236, 0.3747, 0.3223**, and **7.7479, 0.4248, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **17.7785, 0.4267, 0.3180**, and if you desaturate by 10%, it is **26.0860, 0.3647, 0.3226**.

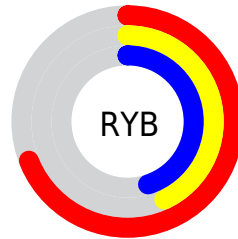
Distribution



Red (69%)

Green (43%)

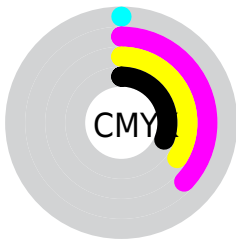
Blue (45%)



Red (69%)

Yellow (43%)

Blue (45%)

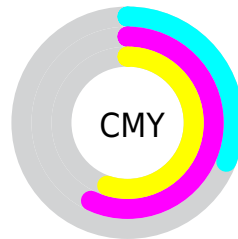


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (57%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5268, 0.3928, 0.3202 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 21.5268, 0.3928, 0.3202 by changing the saturation by 10% instead.


 21.5268, 0.3928,
0.3202


 21.5268, 0.3928,
0.3202


260.0650, 0.3473,
0.3261


 13.5096, 0.4064,
0.3180


 45.9626, 0.3747,
0.3228


 7.7804, 0.4255,
0.3147


 63.1501, 0.3684,
0.3236

 3.9548, 0.4540,
0.3091

 84.1631, 0.3633,
0.3242

 1.6483, 0.5009,
0.2982

 109.3860, 0.3590,
0.3248

 0.3898, 0.7260,
0.2740

139.2033, 0.3554,
0.3252

 0.0000, 0.0000,
0.0000

173.9993, 0.3523,

0.3255

214.1584, 0.3496,
0.3258

■ 21.5268, 0.3928,
0.3202

■ 21.5268, 0.3928,
0.3202

■ 17.7785, 0.4267,
0.3180

■ 26.0860, 0.3647,
0.3226

■ 14.7906, 0.4665,
0.3164

■ 31.4965, 0.3420,
0.3251

■ 12.5121, 0.5104,
0.3158

■ 37.7997, 0.3236,
0.3274


■ 10.8839, 0.5550,
0.3168


■ 45.0333, 0.3088,
0.3296

■ 9.8380, 0.5943,
0.3195

■ 53.2330, 0.2969,
0.3316


 9.2752, 0.6228,
0.3233

 62.4326, 0.2872,
0.3334

 9.1512, 0.6291,
0.3239

 72.6642, 0.2793,
0.3351

 83.9583, 0.2728,
0.3366

 87.8531, 0.2676,
0.3289

Harmonies

Analogous

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



21.5268, 0.3498, 0.2846



21.5268, 0.3928, 0.3202



21.5268, 0.4123, 0.3598

Triad

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



21.5268, 0.3928, 0.3202



21.5268, 0.3202, 0.4136



21.5268, 0.2286, 0.2576

Complementary

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



21.5268, 0.3928, 0.3202



36.8360, 0.2656, 0.3384

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.



21.5268, 0.2223, 0.2856



21.5268, 0.3928, 0.3202



21.5268, 0.2727, 0.3800

Square

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



21.5268, 0.3928, 0.3202



21.5268, 0.3679, 0.4178



21.5268, 0.2376, 0.3304



21.5268, 0.2553, 0.2493

Rectangle

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



21.5268, 0.3928, 0.3202



21.5268, 0.4089, 0.3848



21.5268, 0.2376, 0.3304



21.5268, 0.2241, 0.2647

Sweetspot

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



21.5278, 0.3928, 0.3202



62.9310, 0.3306, 0.3265



22.6271, 0.3094, 0.2368



13.6540, 0.3330, 0.3262



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



21.5278, 0.3928, 0.3202



32.6744, 0.4218, 0.3183



27.8475, 0.3869, 0.3677



8.0270, 0.3272, 0.3269



6.5584, 0.6274, 0.3230



0.1862, 0.5795, 0.2966

Inverse Universe

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



21.5278, 0.3928, 0.3202



32.6744, 0.4218, 0.3183



27.9045, 0.2557, 0.2864



8.0270, 0.3272, 0.3269



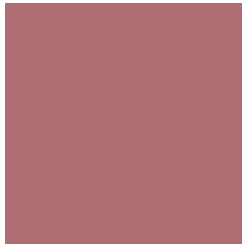
6.5584, 0.6274, 0.3230



0.1862, 0.5795, 0.2966

Previews

White Background



This preview shows how the Yxy color 21.5268, 0.3928, 0.3202 looks on a white background.

Color Contrast Check

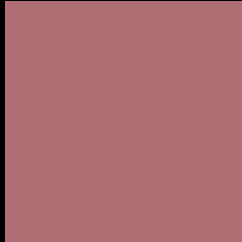
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5268, 0.3928, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

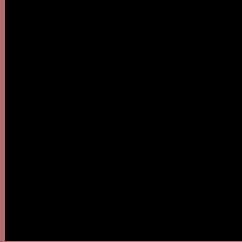
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5268, 0.3928, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 21.5268, 0.3928, 0.3202.



This preview shows how white text looks on a background with the Yxy color 21.5268, 0.3928, 0.3202.

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

21.5268, 0.3928, 0.3202

Protanopia

21.7700, 0.3185, 0.3326

Deuteranopia

21.7412, 0.3519, 0.3462



Tritanopia

21.5738, 0.3900, 0.3172

Trichromacy



Original Color

21.5268, 0.3928, 0.3202

Protanomaly

21.2829, 0.3443, 0.3274

Deuteranomaly

21.5996, 0.3667, 0.3357

Tritanomaly

21.5502, 0.3914, 0.3187

Monochromacy



Original Color

21.5268, 0.3928, 0.3202

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.7576, 0.3389, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5268, 0.3928, 0.3202 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(175, 110, 116)` looks like.

```
.text, #text, p{  
    color:rgb(175, 110, 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(175, 110, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 110, 116) }
```

Border

The CSS property to change the border of an element to Yxy 21.5268, 0.3928, 0.3202 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(175, 110, 116) }
```

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

```
.border{ border-color:rgb(175, 110, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 110, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 110, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 110, 116);  
box-shadow:4px 4px 4px 4px rgb(175, 110,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5268, 0.3928, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 110, 116) }
```

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

```
.background{ background-color: rgb(175,  
110, 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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