

Converting Colors

$Y_{xy}(21.7555, 0.3475, 0.3337)$

Have a look what the booklet for
Yxy(21.7555, 0.3475, 0.3337)
contains.

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Color

Yxy(21.8179, 0.3475, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	947B78
RGB	148, 123, 120
RGB Percent	58%, 48%, 47%
CMY	0.4196, 0.5176, 0.5295
CMYK	0.00, 0.17, 0.19, 0.42
HSL	6°, 12%, 53%
HSV	6°, 19%, 58%
XYZ	22.6862, 21.8179, 20.7799
YIQ	130.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

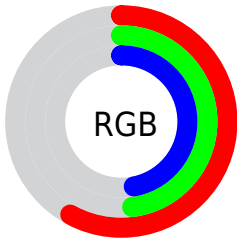
Format	Color
RYB	148, 123, 120
Decimal	9730936
CIELab	53.83, 9.15, 5.25
CIELCh	54, 10.550, 29.867
Yxy	21.8179, 0.3475, 0.3342
Android (android.graphics.Color)	4287921016 (0xFF947B78)
YUV	130.1330, -4.9956, 15.6694
Hunter-Lab	46.7096, 4.9529, 6.3202

Details

The Yxy color $21.8179, 0.3475, 0.3342$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.3785, 0.2849, 0.3237$, and the grayscale version is $22.3869, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.1951, 0.3396, 0.3328$, and $7.9068, 0.3613, 0.3342$ is the 20% darker color. If you saturate the color by 10%, you get $18.4281, 0.3719, 0.3372$, and if you desaturate by 10%, it is $25.7074, 0.3275, 0.3314$.

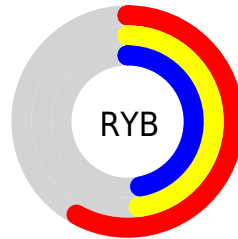
Distribution



Red (58%)

Green (48%)

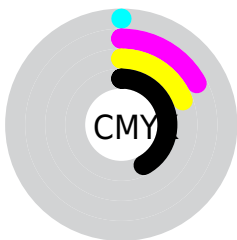
Blue (47%)



Red (58%)

Yellow (48%)

Blue (47%)

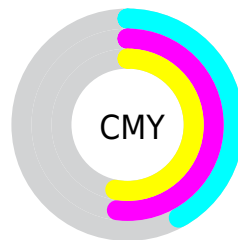


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (42%)



Cyan (42%)


Magenta (52%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8179, 0.3475, 0.3342 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 21.8179, 0.3475, 0.3342 by changing the saturation by 10% instead.


 21.8179, 0.3475,
0.3342


 21.8179, 0.3475,
0.3342


261.5938, 0.3278,
0.3315


 13.7232, 0.3534,
0.3349


 46.4448, 0.3397,
0.3332

 7.9284, 0.3617,
0.3358


 63.7458, 0.3370,
0.3328

 4.0491, 0.3742,
0.3369

 84.8844, 0.3347,
0.3325

 1.7011, 0.3951,
0.3383

110.2448, 0.3329,
0.3323

 0.4244, 0.5469,
0.3704

140.2116, 0.3313,
0.3320

 0.0000, 0.0000,
0.0000

175.1691, 0.3300,

0.3318

215.5017, 0.3288,
0.3317

■ 21.8179, 0.3475,
0.3342

■ 21.8179, 0.3475,
0.3342

■ 18.4281, 0.3719,
0.3372

■ 25.7074, 0.3275,
0.3314

■ 15.5148, 0.4015,
0.3401

■ 30.1125, 0.3111,
0.3287

■ 13.0576, 0.4365,
0.3428

■ 35.0522, 0.2977,
0.3263

■ 11.0333, 0.4767,
0.3448

■ 40.5436, 0.2867,
0.3241

■ 9.4167, 0.5202,
0.3457

■ 46.6031, 0.2776,
0.3221

■ 8.1800, 0.5631,
0.3449

■ 53.2464, 0.2700,
0.3203

■ 7.2919, 0.5999,
0.3420

■ 60.4885, 0.2636,
0.3187

■ 6.7118, 0.6269,
0.3385

■ 68.3438, 0.2582,
0.3173

■ 6.6654, 0.6295,
0.3384

■ 76.8266, 0.2537,
0.3159

Harmonies

Analogous

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



21.8179, 0.3353, 0.3181



21.8179, 0.3475, 0.3342



21.8179, 0.3500, 0.3495

Triad

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



21.8179, 0.3475, 0.3342



21.8179, 0.3075, 0.3549



21.8179, 0.2836, 0.2984

Complementary

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



21.8179, 0.3475, 0.3342



26.3785, 0.2849, 0.3237

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.



21.8179, 0.2767, 0.3071



21.8179, 0.3475, 0.3342



21.8179, 0.2903, 0.3399

Square

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



21.8179, 0.3475, 0.3342



21.8179, 0.3266, 0.3622



21.8179, 0.2791, 0.3222



21.8179, 0.2982, 0.2978

Rectangle

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



21.8179, 0.3475, 0.3342



21.8179, 0.3459, 0.3573



21.8179, 0.2791, 0.3222



21.8179, 0.2803, 0.3004

Sweetspot

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



21.8189, 0.3475, 0.3342



47.4469, 0.3225, 0.3306



21.7768, 0.3180, 0.2879



10.7322, 0.3235, 0.3308



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.8189, 0.3475, 0.3342



35.6796, 0.3580, 0.3355



25.4866, 0.3434, 0.3570



5.9100, 0.3280, 0.3314



5.7145, 0.6288, 0.3390



0.0897, 0.5836, 0.3748

Inverse Universe

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



26.3785, 0.2849, 0.3237



45.3348, 0.2786, 0.3224



22.4153, 0.2836, 0.2994



6.4567, 0.2990, 0.3265



15.9611, 0.2155, 0.2956



0.2199, 0.2204, 0.3134

Previews

White Background



This preview shows how the Yxy color 21.8179, 0.3475, 0.3342 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 21.8179, 0.3475, 0.3342 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 21.8179, 0.3475, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 21.8179, 0.3475, 0.3342.



This preview shows how white text looks on a background with the Yxy color 21.8179, 0.3475, 0.3342.

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

21.8179, 0.3475, 0.3342

Protanopia

21.7739, 0.3230, 0.3380

Deuteranopia

21.7911, 0.3434, 0.3359



Tritanopia

21.7030, 0.3358, 0.3124

Trichromacy



Original Color

21.8179, 0.3475, 0.3342

Protanomaly

21.7301, 0.3318, 0.3361

Deuteranomaly

21.8824, 0.3447, 0.3359

Tritanomaly

21.8409, 0.3405, 0.3207

Monochromacy



Original Color

21.8179, 0.3475, 0.3342

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.0035, 0.3258, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8179, 0.3475, 0.3342 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(148, 123, 120)` looks like.

```
.text, #text, p{  
    color:rgb(148, 123, 120)  
}
```

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(148, 123, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 123, 120) }
```

Border

The CSS property to change the border of an element to Yxy 21.8179, 0.3475, 0.3342 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(148, 123, 120) }
```

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

```
.border{ border-color:rgb(148, 123, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 123, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 123, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 123, 120);  
box-shadow:4px 4px 4px 4px rgb(148, 123,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8179, 0.3475, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 123, 120) }
```

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

```
.background{ background-color: rgb(148,  
123, 120) }
```

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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