

Converting Colors

$Y_{xy}(21.5392, 0.3442, 0.3263)$

Have a look what the booklet for
Yxy(21.5392, 0.3442, 0.3263)
contains.

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Color

Yxy(21.6450, 0.3441, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	947A7B
RGB	148, 122, 123
RGB Percent	58%, 48%, 48%
CMY	0.4196, 0.5216, 0.5176
CMYK	0.00, 0.18, 0.17, 0.42
HSL	358°, 11%, 53%
HSV	358°, 18%, 58%
XYZ	22.7491, 21.6450, 21.7177
YIQ	129.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

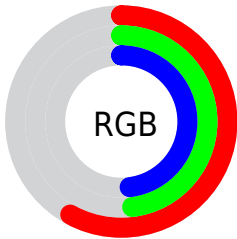
Format	Color
R_{YB}	148, 122, 123
Decimal	9730683
CIE _{Lab}	53.65, 10.23, 3.23
CIE _{LCh}	54, 10.729, 17.509
Yxy	21.6450, 0.3441, 0.3274
Android (android.graphics.Color)	4287920763 (0xFF947A7B)
YUV	129.8880, -3.3958, 15.8842
Hunter-Lab	46.5242, 5.8643, 4.8901

Details

The Yxy color $21.6450, 0.3441, 0.3274$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.4283, 0.2879, 0.3306$, and the grayscale version is $22.2906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.9238, 0.3372, 0.3278$, and $7.8009, 0.3579, 0.3266$ is the 20% darker color. If you saturate the color by 10%, you get $17.9529, 0.3681, 0.3264$, and if you desaturate by 10%, it is $25.9445, 0.3248, 0.3283$.

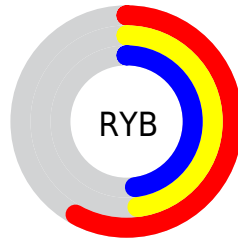
Distribution



Red (58%)

Green (48%)

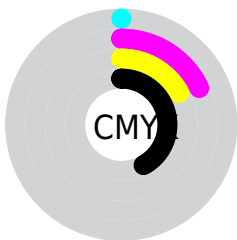
Blue (48%)



Red (58%)

Yellow (48%)

Blue (48%)

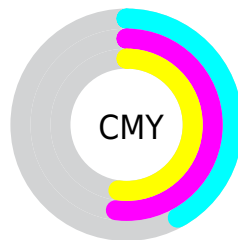


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (42%)



Cyan (42%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6450, 0.3441, 0.3274 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 21.6450, 0.3441, 0.3274 by changing the saturation by 10% instead.


 21.6450, 0.3441,
0.3274


 21.6450, 0.3441,
0.3274


260.6867, 0.3263,
0.3285


 13.5963, 0.3494,
0.3270


 46.1586, 0.3370,
0.3279

 7.8404, 0.3569,
0.3264


 63.3922, 0.3346,
0.3280

 3.9930, 0.3682,
0.3254

 84.4562, 0.3326,
0.3281

 1.6696, 0.3872,
0.3233

109.7351, 0.3309,
0.3282

 0.4039, 0.5063,
0.3227

139.6132, 0.3295,
0.3283

 0.0000, 0.0000,
0.0000

174.4749, 0.3283,

0.3284

214.7046, 0.3272,
0.3284

■ 21.6450, 0.3441,
0.3274

■ 21.6450, 0.3441,
0.3274

■ 17.9529, 0.3681,
0.3264

■ 25.9445, 0.3248,
0.3283

■ 14.8381, 0.3975,
0.3255

■ 30.8739, 0.3093,
0.3292

■ 12.2722, 0.4331,
0.3247

■ 36.4582, 0.2967,
0.3300

■ 10.2236, 0.4745,
0.3241

■ 42.7202, 0.2865,
0.3307

■ 8.6569, 0.5199,
0.3241

■ 49.6815, 0.2782,
0.3314

■ 7.5329, 0.5649,
0.3246

■ 57.3628, 0.2714,
0.3320

■ 6.8059, 0.6032,
0.3259

■ 65.7840, 0.2658,
0.3325

■ 6.3951, 0.6294,
0.3271

■ 74.9642, 0.2610,
0.3330

■ 6.3096, 0.6348,
0.3271

■ 84.7873, 0.2570,
0.3332

Harmonies

Analogous

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



21.6450, 0.3285, 0.3119



21.6450, 0.3441, 0.3274



21.6450, 0.3510, 0.3438

Triad

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



21.6450, 0.3441, 0.3274



21.6450, 0.3155, 0.3596



21.6450, 0.2790, 0.3005

Complementary

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



21.6450, 0.3441, 0.3274



27.4283, 0.2879, 0.3306

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.



21.6450, 0.2759, 0.3123



21.6450, 0.3441, 0.3274



21.6450, 0.2965, 0.3471

Square

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



21.6450, 0.3441, 0.3274



21.6450, 0.3341, 0.3632



21.6450, 0.2822, 0.3294



21.6450, 0.2910, 0.2965

Rectangle

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



21.6450, 0.3441, 0.3274



21.6450, 0.3497, 0.3533



21.6450, 0.2822, 0.3294



21.6450, 0.2769, 0.3036

Sweetspot

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



21.6460, 0.3441, 0.3274



47.8165, 0.3206, 0.3286



22.2338, 0.3132, 0.2867



10.7935, 0.3217, 0.3285



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.



21.6460, 0.3441, 0.3274



35.5580, 0.3527, 0.3270



24.6710, 0.3421, 0.3486



5.8188, 0.3277, 0.3282



5.3893, 0.6343, 0.3268



0.0667, 0.6072, 0.3119

Inverse Universe

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



21.6460, 0.3441, 0.3274



35.5580, 0.3527, 0.3270



23.9708, 0.2861, 0.3086



5.8188, 0.3277, 0.3282



5.3893, 0.6343, 0.3268



0.0667, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 21.6450, 0.3441, 0.3274 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 21.6450, 0.3441, 0.3274 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 21.6450, 0.3441, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 21.6450, 0.3441, 0.3274.



This preview shows how white text looks on a background with the Yxy color 21.6450, 0.3441, 0.3274.

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

21.6450, 0.3441, 0.3274

Protanopia

21.7700, 0.3185, 0.3326

Deuteranopia

21.6850, 0.3373, 0.3308



Tritanopia

21.6760, 0.3370, 0.3141

Trichromacy



Original Color

21.6450, 0.3441, 0.3274

Protanomaly

21.7207, 0.3271, 0.3308

Deuteranomaly

21.6157, 0.3400, 0.3291

Tritanomaly

21.5966, 0.3407, 0.3190

Monochromacy



Original Color

21.6450, 0.3441, 0.3274

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.0294, 0.3247, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6450, 0.3441, 0.3274 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, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(148, 122, 123)  
}
```

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, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 122, 123) }
```

Border

The CSS property to change the border of an element to Yxy 21.6450, 0.3441, 0.3274 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, 122, 123) }
```

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

```
.border{ border-color:rgb(148, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(148, 122,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6450, 0.3441, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 122, 123) }
```

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

```
.background{ background-color: rgb(148,  
122, 123) }
```

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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