

Converting Colors

$Y_{xy}(21.9971, 0.3570, 0.3477)$

Have a look what the booklet for
Yxy(21.9971, 0.3570, 0.3477)
contains.

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Color

Yxy(21.9971, 0.3570, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	957C71
RGB	149, 124, 113
RGB Percent	58%, 49%, 44%
CMY	0.4156, 0.5137, 0.5568
CMYK	0.00, 0.17, 0.24, 0.42
HSL	18°, 15%, 51%
HSV	18°, 24%, 58%
XYZ	22.5855, 21.9971, 18.6820
YIQ	130.2210, 18.4310, 1.8790

Conversions

Conversions Part 2

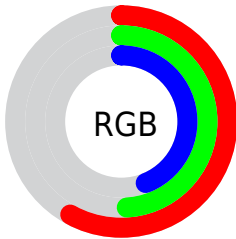
Format	Color
R_{YB}	149, 129, 113
Decimal	9796721
CIE _{Lab}	54.02, 7.87, 9.60
CIE _{LCh}	54, 12.409, 50.653
Yxy	21.9971, 0.3570, 0.3477
Android (android.graphics.Color)	4287986801 (0xFF957C71)
YUV	130.2210, -8.4900, 16.4692
Hunter-Lab	46.9011, 3.8808, 9.2138

Details

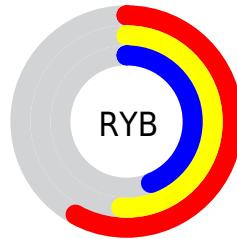
The Yxy color $21.9971, 0.3570, 0.3477$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $23.8687, 0.2766, 0.3095$, and the grayscale version is $22.4325, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.9983, 0.3472, 0.3441$, and $8.0105, 0.3762, 0.3542$ is the 20% darker color. If you saturate the color by 10%, you get $19.2288, 0.3810, 0.3559$, and if you desaturate by 10%, it is $25.0952, 0.3365, 0.3397$.

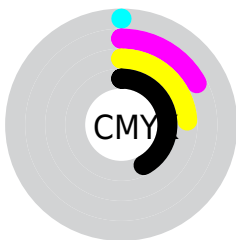
Distribution



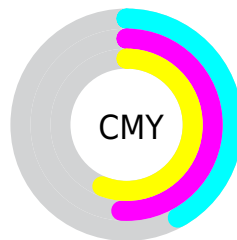
- Red (58%)
- Green (49%)
- Blue (44%)



- Red (58%)
- Yellow (51%)
- Blue (44%)



- Cyan (0%)
- Magenta (17%)
- Yellow (24%)
- Black (42%)




- Cyan (42%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.9971, 0.3570, 0.3477 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 21.9971, 0.3570, 0.3477 by changing the saturation by 10% instead.


 21.9971, 0.3570,
0.3477


 21.9971, 0.3570,
0.3477


262.5311, 0.3319,
0.3376

 13.8548, 0.3645,
0.3505


 46.7412, 0.3471,
0.3438


 8.0197, 0.3749,
0.3543


 64.1118, 0.3436,
0.3424

 4.1076, 0.3906,
0.3595

 85.3272, 0.3408,
0.3413

 1.7339, 0.4166,
0.3672

 110.7719, 0.3384,
0.3403

 0.4455, 0.5801,
0.4199

140.8302, 0.3364,
0.3394

 0.0000, 0.0000,
0.0000

175.8866, 0.3347,

0.3387

216.3255, 0.3332,
0.3381

■ 21.9971, 0.3570,
0.3477

■ 21.9971, 0.3570,
0.3477

■ 19.2288, 0.3810,
0.3559

■ 25.0952, 0.3365,
0.3397

■ 16.7762, 0.4089,
0.3640

■ 28.5305, 0.3191,
0.3320

■ 14.6285, 0.4404,
0.3712

■ 32.3141, 0.3044,
0.3249

■ 12.7733, 0.4750,
0.3766

■ 36.4555, 0.2920,
0.3184

■ 11.1972, 0.5110,
0.3792

■ 40.9641, 0.2814,
0.3124

■ 9.8856, 0.5457,
0.3779

■ 45.8487, 0.2724,
0.3069

■ 8.8223, 0.5758,
0.3721

■ 51.1179, 0.2647,
0.3019

■ 8.3030, 0.5920,
0.3681

■ 56.7799, 0.2581,
0.2974

■ 62.8428, 0.2523,
0.2933

Harmonies

Analogous

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



21.9971, 0.3502, 0.3290



21.9971, 0.3570, 0.3477



21.9971, 0.3514, 0.3624

Triad

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



21.9971, 0.3570, 0.3477



21.9971, 0.2920, 0.3479



21.9971, 0.2896, 0.2918

Complementary

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



21.9971, 0.3570, 0.3477



23.8687, 0.2766, 0.3095

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.



21.9971, 0.2751, 0.2953



21.9971, 0.3570, 0.3477



21.9971, 0.2764, 0.3272

Square

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



21.9971, 0.3570, 0.3477



21.9971, 0.3134, 0.3633



21.9971, 0.2704, 0.3079



21.9971, 0.3107, 0.2976

Rectangle

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



21.9971, 0.3570, 0.3477



21.9971, 0.3415, 0.3676



21.9971, 0.2704, 0.3079



21.9971, 0.2838, 0.2919

Sweetspot

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



21.9981, 0.3570, 0.3477



49.1836, 0.3240, 0.3343



20.0457, 0.3285, 0.2874



10.8298, 0.3249, 0.3346



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.



21.9981, 0.3570, 0.3477



36.6234, 0.3696, 0.3522



26.8749, 0.3505, 0.3764



6.0868, 0.3275, 0.3358



7.0341, 0.5908, 0.3691



0.1334, 0.5174, 0.4274

Inverse Universe

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



23.8687, 0.2766, 0.3095



40.5634, 0.2686, 0.3045



19.1666, 0.2739, 0.2766



6.2666, 0.2990, 0.3221



10.1363, 0.1969, 0.2289



0.1762, 0.2112, 0.2802

Previews

White Background



This preview shows how the Yxy color 21.9971, 0.3570, 0.3477 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 21.9971, 0.3570, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

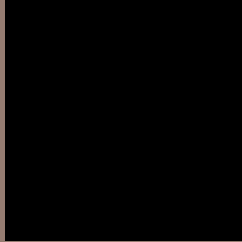
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9971, 0.3570, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 21.9971, 0.3570, 0.3477.



This preview shows how white text looks on a background with the Yxy color 21.9971, 0.3570, 0.3477.

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

21.9971, 0.3570, 0.3477

Protanopia

22.1124, 0.3344, 0.3522

Deuteranopia

22.1554, 0.3553, 0.3495



Tritanopia

21.8927, 0.3383, 0.3126

Trichromacy



Original Color

21.9971, 0.3570, 0.3477

Protanomaly

21.9920, 0.3422, 0.3501

Deuteranomaly

22.1554, 0.3553, 0.3495

Tritanomaly

21.8583, 0.3454, 0.3258

Monochromacy



Original Color

21.9971, 0.3570, 0.3477

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.2119, 0.3279, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9971, 0.3570, 0.3477 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(149, 124, 113)` looks like.

```
.text, #text, p{  
    color:rgb(149, 124, 113)  
}
```

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(149, 124, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 124, 113) }
```

Border

The CSS property to change the border of an element to Yxy 21.9971, 0.3570, 0.3477 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(149, 124, 113) }
```

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

```
.border{ border-color:rgb(149, 124, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 124, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 124, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 124, 113);  
box-shadow:4px 4px 4px 4px rgb(149, 124,  
113) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 21.9971, 0.3570, 0.3477$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 124, 113) }
```

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

```
.background{ background-color: rgb(149,  
124, 113) }
```

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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