

Converting Colors

$Yxy(21.6147, 0.3729, 0.3719)$

Have a look what the booklet for
Yxy(21.6147, 0.3729, 0.3719)
contains.

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Color

Yxy(21.6121, 0.3729, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	947C63
RGB	148, 124, 99
RGB Percent	58%, 49%, 39%
CMY	0.4197, 0.5137, 0.6118
CMYK	0.00, 0.16, 0.33, 0.42
HSL	31°, 20%, 48%
HSV	31°, 33%, 58%
XYZ	21.6702, 21.6121, 14.8304
YIQ	128.3260, 22.3290, -2.6870

Conversions

Conversions Part 2

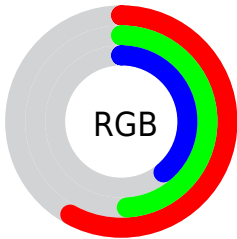
Format	Color
R_{YB}	146, 148, 99
Decimal	9731171
CIE _{Lab}	53.61, 5.40, 17.12
CIE _{LCh}	54, 17.950, 72.501
Yxy	21.6121, 0.3729, 0.3719
Android (android.graphics.Color)	4287921251 (0xFF947C63)
YUV	128.3260, -14.4577, 17.2541
Hunter-Lab	46.4888, 1.8502, 13.6281

Details

The Yxy color **21.6121, 0.3729, 0.3719** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9466, 0.2612, 0.2817**, and the grayscale version is **21.7508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.9492, 0.3597, 0.3620**, and **7.7669, 0.3969, 0.3873** is the 20% darker color. If you saturate the color by 10%, you get **19.6065, 0.3959, 0.3851**, and if you desaturate by 10%, it is **23.8049, 0.3521, 0.3585**.

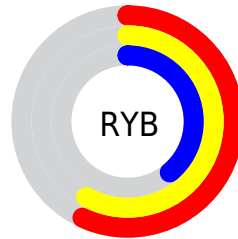
Distribution



Red (58%)

Green (49%)

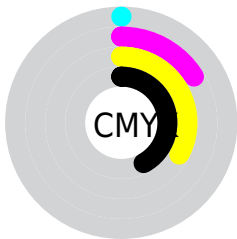
Blue (39%)



Red (57%)

Yellow (58%)

Blue (39%)

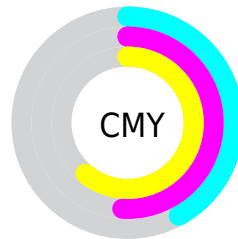


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (42%)



Cyan (42%)


Magenta (51%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.6121, 0.3729, 0.3719 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 21.6121, 0.3729, 0.3719 by changing the saturation by 10% instead.


 21.6121, 0.3729,
0.3719


 21.6121, 0.3729,
0.3719


260.5138, 0.3389,
0.3483

 13.5722, 0.3829,
0.3785


 46.1040, 0.3595,
0.3628


 7.8237, 0.3968,
0.3874


 63.3248, 0.3548,
0.3595

 3.9823, 0.4171,
0.3997

 84.3747, 0.3509,
0.3568

 1.6637, 0.4593,
0.4268

 109.6380, 0.3477,
0.3546

 0.4000, 0.5614,
0.4386

139.4992, 0.3450,
0.3527

 0.0000, 0.0000,
0.0000

174.3426, 0.3427,

0.3510

214.5527, 0.3407,
0.3496

■ 21.6121, 0.3729,
0.3719

■ 21.6121, 0.3729,
0.3719

■ 19.6065, 0.3959,
0.3851

■ 23.8049, 0.3521,
0.3585

■ 17.7793, 0.4207,
0.3974

■ 26.1873, 0.3337,
0.3453

■ 16.1257, 0.4469,
0.4078

■ 28.7654, 0.3174,
0.3328

■ 14.6389, 0.4732,
0.4152

■ 31.5440, 0.3031,
0.3210

■ 13.3120, 0.4983,
0.4183

■ 34.5279, 0.2906,
0.3100

■ 12.1370, 0.5206,
0.4164

■ 37.7216, 0.2796,
0.2999

■ 11.4049, 0.5351,
0.4133

■ 41.1295, 0.2700,
0.2907

■ 44.7557, 0.2616,
0.2822

■ 48.6045, 0.2543,
0.2744

Harmonies

Analogous

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



21.6121, 0.3766, 0.3481



21.6121, 0.3729, 0.3719



21.6121, 0.3526, 0.3858

Triad

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



21.6121, 0.3729, 0.3719



21.6121, 0.2652, 0.3343



21.6121, 0.3006, 0.2809

Complementary

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



21.6121, 0.3729, 0.3719



18.9466, 0.2612, 0.2817

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.



21.6121, 0.2724, 0.2757



21.6121, 0.3729, 0.3719



21.6121, 0.2528, 0.3046

Square

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



21.6121, 0.3729, 0.3719



21.6121, 0.2903, 0.3643



21.6121, 0.2554, 0.2837



21.6121, 0.3336, 0.2972

Rectangle

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



21.6121, 0.3729, 0.3719



21.6121, 0.3329, 0.3863



21.6121, 0.2554, 0.2837



21.6121, 0.2903, 0.2778

Sweetspot

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



21.6131, 0.3729, 0.3719



47.5037, 0.3287, 0.3416



16.6582, 0.3497, 0.2873



10.7143, 0.3309, 0.3432



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.



21.6131, 0.3729, 0.3719



35.3916, 0.3904, 0.3821



28.3709, 0.3611, 0.4089



6.2757, 0.3270, 0.3403



9.7982, 0.5342, 0.4140



0.1789, 0.4749, 0.4612

Inverse Universe

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



18.9466, 0.2612, 0.2817



29.9165, 0.2489, 0.2686



13.7109, 0.2554, 0.2343



6.0734, 0.2989, 0.3174



5.8859, 0.1773, 0.1582



0.1307, 0.1990, 0.2363

Previews

White Background



This preview shows how the Yxy color 21.6121, 0.3729, 0.3719 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 21.6121, 0.3729, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

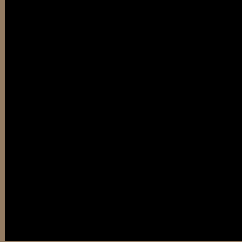
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6121, 0.3729, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 21.6121, 0.3729, 0.3719.



This preview shows how white text looks on a background with the Yxy color 21.6121, 0.3729, 0.3719.

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

21.6121, 0.3729, 0.3719

Protanopia

21.6963, 0.3545, 0.3773

Deuteranopia

21.5508, 0.3760, 0.3698



Tritanopia

21.5972, 0.3410, 0.3142

Trichromacy



Original Color

21.6121, 0.3729, 0.3719

Protanomaly

21.7616, 0.3612, 0.3765

Deuteranomaly

21.4563, 0.3747, 0.3700

Tritanomaly

21.4668, 0.3531, 0.3342

Monochromacy



Original Color

21.6121, 0.3729, 0.3719

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.6140, 0.3337, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6121, 0.3729, 0.3719 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, 124, 99)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 99)  
}
```

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, 124, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 99) }
```

Border

The CSS property to change the border of an element to Yxy 21.6121, 0.3729, 0.3719 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, 124, 99) }
```

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

```
.border{ border-color:rgb(148, 124, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 99);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6121, 0.3729, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 99) }
```

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

```
.background{ background-color: rgb(148,  
124, 99) }
```

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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