

Converting Colors

$Y_{xy}(21.5902, 0.3621, 0.3724)$

Have a look what the booklet for
Yxy(21.5902, 0.3621, 0.3724)
contains.

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Color

Yxy(21.6121, 0.3617, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	8E7E65
RGB	142, 126, 101
RGB Percent	56%, 49%, 40%
CMY	0.4432, 0.5058, 0.6039
CMYK	0.00, 0.11, 0.29, 0.44
HSL	37°, 17%, 48%
HSV	37°, 29%, 56%
XYZ	20.9630, 21.6121, 15.3817
YIQ	127.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

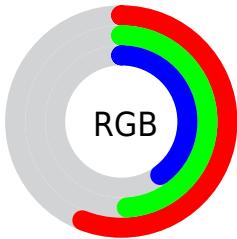
Format	Color
RYB	127, 142, 101
Decimal	9338469
CIELab	53.61, 2.04, 15.86
CIElCh	54, 15.990, 82.679
Yxy	21.6121, 0.3617, 0.3729
Android (android.graphics.Color)	4287528549 (0xFF8E7E65)
YUV	127.9340, -13.2785, 12.3359
Hunter-Lab	46.4888, -0.8653, 12.9249

Details

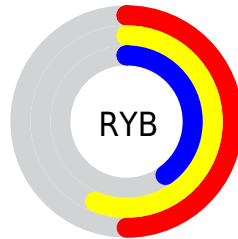
The Yxy color **21.6121, 0.3617, 0.3729** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4384, 0.2674, 0.2807**, and the grayscale version is **21.6047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2430, 0.3506, 0.3639**, and **7.7982, 0.3812, 0.3894** is the 20% darker color. If you saturate the color by 10%, you get **19.9817, 0.3819, 0.3886**, and if you desaturate by 10%, it is **23.3709, 0.3431, 0.3572**.

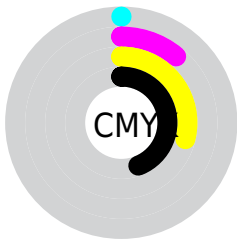
Distribution



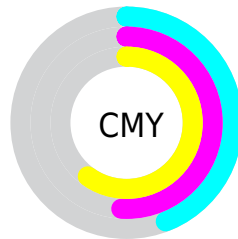
- Red (56%)
- Green (49%)
- Blue (40%)



- Red (50%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (44%)





- Cyan (44%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6121, 0.3617, 0.3729 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, 0.3617, 0.3729 by changing the saturation by 10% instead.


 21.6121, 0.3617,
0.3729


 21.6121, 0.3617,
0.3729


260.5138, 0.3341,
0.3484


 13.5722, 0.3698,
0.3800


 46.1040, 0.3508,
0.3633


 7.8237, 0.3810,
0.3896

 63.3248, 0.3470,
0.3599

 3.9823, 0.3975,
0.4036

 84.3747, 0.3439,
0.3572

 1.6637, 0.4303,
0.4317

 109.6380, 0.3413,
0.3548

 0.4000, 0.5180,
0.4820

139.4992, 0.3391,
0.3529

 0.0000, 0.0000,
0.0000

174.3426, 0.3372,

0.3512

214.5527, 0.3355,
0.3497

■ 21.6121, 0.3617,
0.3729

■ 21.6121, 0.3617,
0.3729

■ 19.9817, 0.3819,
0.3886

■ 23.3709, 0.3431,
0.3572

■ 18.4729, 0.4035,
0.4036

■ 25.2587, 0.3262,
0.3419

■ 17.0829, 0.4258,
0.4171

■ 27.2798, 0.3111,
0.3274

■ 15.8073, 0.4480,
0.4279

■ 29.4373, 0.2976,
0.3137

■ 14.6414, 0.4691,
0.4351

■ 31.7344, 0.2856,
0.3011

■ 13.5799, 0.4880,
0.4377

■ 34.1739, 0.2750,
0.2894

■ 12.6124, 0.5046,
0.4362

■ 36.7588, 0.2656,
0.2786

■ 12.5061, 0.5066,
0.4360

■ 39.4917, 0.2572,
0.2688

■ 42.3754, 0.2498,
0.2597

Harmonies

Analogous

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



21.6121, 0.3703, 0.3541



21.6121, 0.3617, 0.3729



21.6121, 0.3399, 0.3806

Triad

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



21.6121, 0.3617, 0.3729



21.6121, 0.2651, 0.3244



21.6121, 0.3119, 0.2898

Complementary

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



21.6121, 0.3617, 0.3729



17.4384, 0.2674, 0.2807

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, 0.2844, 0.2815



21.6121, 0.3617, 0.3729



21.6121, 0.2583, 0.2999

Square

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



21.6121, 0.3617, 0.3729



21.6121, 0.2842, 0.3519



21.6121, 0.2652, 0.2848



21.6121, 0.3408, 0.3073

Rectangle

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



21.6121, 0.3617, 0.3729



21.6121, 0.3211, 0.3773



21.6121, 0.2652, 0.2848



21.6121, 0.3022, 0.2858

Sweetspot

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



21.6131, 0.3617, 0.3729



44.4408, 0.3267, 0.3424



16.3527, 0.3494, 0.3001



9.8268, 0.3288, 0.3444



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



21.6131, 0.3617, 0.3729



36.1230, 0.3754, 0.3837



25.6730, 0.3500, 0.3996



5.9371, 0.3267, 0.3424



11.2685, 0.5061, 0.4364



0.1507, 0.4597, 0.4732

Inverse Universe

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



17.4384, 0.2674, 0.2807



27.4548, 0.2558, 0.2671



14.2722, 0.2689, 0.2496



5.5783, 0.2990, 0.3152



4.2710, 0.1688, 0.1278



0.0815, 0.1918, 0.2104

Previews

White Background



This preview shows how the Yxy color 21.6121, 0.3617, 0.3729 looks on a white background.

Color Contrast Check

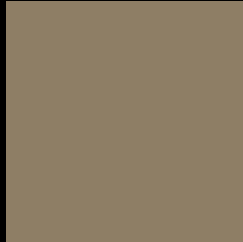
Large Text (above 18pt) WCAG AA ✓ Pass

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, 0.3617, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

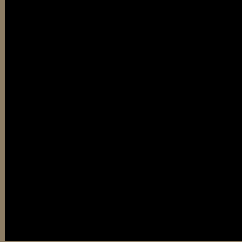
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.6121, 0.3617, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 21.6121, 0.3617, 0.3729.



This preview shows how white text looks on a background with the Yxy color 21.6121, 0.3617, 0.3729.

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, 0.3617, 0.3729

Protanopia

21.6319, 0.3520, 0.3757

Deuteranopia

21.6093, 0.3723, 0.3647



Tritanopia

21.6688, 0.3319, 0.3139

Trichromacy



Original Color

21.6121, 0.3617, 0.3729

Protanomaly

21.5413, 0.3550, 0.3736

Deuteranomaly

21.5777, 0.3679, 0.3669

Tritanomaly

21.5417, 0.3437, 0.3342

Monochromacy



Original Color

21.6121, 0.3617, 0.3729

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.4733, 0.3301, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6121, 0.3617, 0.3729 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(142, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(142, 126, 101)  
}
```

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(142, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 126, 101) }
```

Border

The CSS property to change the border of an element to Yxy 21.6121, 0.3617, 0.3729 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(142, 126, 101) }
```

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

```
.border{ border-color:rgb(142, 126, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 126, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(142, 126,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6121, 0.3617, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 126, 101) }
```

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

```
.background{ background-color: rgb(142,  
126, 101) }
```

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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