

Converting Colors

$Y_{xy}(21.0957, 0.4009, 0.4161)$

Have a look what the booklet for
Yxy(21.0957, 0.4009, 0.4161)
contains.

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Color

Yxy(21.0073, 0.4008, 0.4155)

Conversions

Conversions Part 1

Format	Color
Hex	927C49
RGB	146, 124, 73
RGB Percent	57%, 49%, 29%
CMY	0.4274, 0.5137, 0.7138
CMYK	0.00, 0.15, 0.50, 0.43
HSL	42°, 33%, 43%
HSV	42°, 50%, 57%
XYZ	20.2641, 21.0073, 9.2877
YIQ	124.7640, 29.4830, -11.1970

Conversions

Conversions Part 2

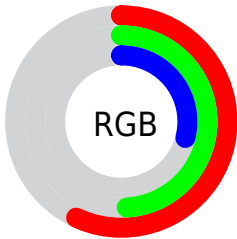
Format	Color
RYB	104, 146, 73
Decimal	9600073
CIELab	52.96, 1.47, 30.85
CIElCh	53, 30.887, 87.276
Yxy	21.0073, 0.4008, 0.4155
Android (android.graphics.Color)	4287790153 (0xFF927C49)
YUV	124.7640, -25.5197, 18.6240
Hunter-Lab	45.8337, -1.2903, 20.0691

Details

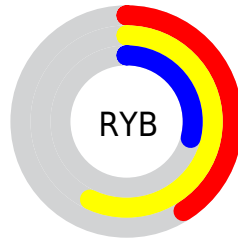
The Yxy color **21.0073, 0.4008, 0.4155** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6730, 0.2290, 0.2223**, and the grayscale version is **20.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8982, 0.3815, 0.3966**, and **7.4384, 0.4313, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **19.7588, 0.4203, 0.4304**, and if you desaturate by 10%, it is **22.3525, 0.3812, 0.3988**.

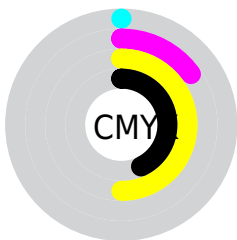
Distribution



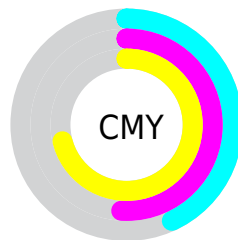
- Red (57%)
- Green (49%)
- Blue (29%)



- Red (41%)
- Yellow (57%)
- Blue (29%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (43%)





- Cyan (43%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0073, 0.4008, 0.4155 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 21.0073, 0.4008, 0.4155 by changing the saturation by 10% instead.


 21.0073, 0.4008,
0.4155


 21.0073, 0.4008,
0.4155


257.3173, 0.3520,
0.3680


 13.1293, 0.4142,
0.4283

 45.0997, 0.3821,
0.3974

 7.5177, 0.4316,
0.4447


 62.0829, 0.3753,
0.3908

 3.7879, 0.4566,
0.4680

 82.8700, 0.3697,
0.3853

 1.5556, 0.4961,
0.5039

 107.8453, 0.3650,
0.3808

 0.3274, 0.5145,
0.4855

 137.3933, 0.3610,
0.3769

 0.0000, 0.0000,
0.0000

171.8984, 0.3576,

0.3735

211.7449, 0.3546,
0.3706

■ 21.0073, 0.4008,
0.4155

■ 21.0073, 0.4008,
0.4155

■ 19.7588, 0.4203,
0.4304

■ 22.3525, 0.3812,
0.3988

■ 18.6000, 0.4391,
0.4425

■ 23.7948, 0.3623,
0.3811

■ 17.5278, 0.4562,
0.4507

■ 25.3387, 0.3444,
0.3633

■ 16.5371, 0.4708,
0.4544

■ 26.9871, 0.3279,
0.3458

■ 15.6168, 0.4833,
0.4545

■ 28.7429, 0.3127,
0.3290

■ 30.6090, 0.2990,
0.3132

■ 32.5879, 0.2867,
0.2985

■ 34.6822, 0.2756,
0.2848

■ 36.8943, 0.2657,
0.2723

Harmonies

Analogous

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



21.0073, 0.4243, 0.3789



21.0073, 0.4008, 0.4155



21.0073, 0.3545, 0.4317

Triad

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



21.0073, 0.4008, 0.4155



21.0073, 0.2196, 0.3090



21.0073, 0.3185, 0.2606

Complementary

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



21.0073, 0.4008, 0.4155



11.6730, 0.2290, 0.2223

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.



21.0073, 0.2650, 0.2425



21.0073, 0.4008, 0.4155



21.0073, 0.2120, 0.2653

Square

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



21.0073, 0.4008, 0.4155



21.0073, 0.2503, 0.3659



21.0073, 0.2277, 0.2432



21.0073, 0.3751, 0.2934

Rectangle

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



21.0073, 0.4008, 0.4155



21.0073, 0.3177, 0.4242



21.0073, 0.2277, 0.2432



21.0073, 0.2995, 0.2527

Sweetspot

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



21.0083, 0.4008, 0.4155



46.0446, 0.3365, 0.3550



11.7211, 0.4031, 0.2889



10.1229, 0.3396, 0.3582



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



21.0083, 0.4008, 0.4155



34.6015, 0.4227, 0.4320



25.9942, 0.3682, 0.4537



6.4527, 0.3266, 0.3444



13.7827, 0.4829, 0.4548



0.2205, 0.4483, 0.4822

Inverse Universe

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



11.6730, 0.2290, 0.2223



16.2400, 0.2097, 0.1932



8.8350, 0.2356, 0.1819



5.9009, 0.2989, 0.3131



3.4459, 0.1622, 0.1040



0.0891, 0.1845, 0.1841

Previews

White Background



This preview shows how the Yxy color 21.0073, 0.4008, 0.4155 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 21.0073, 0.4008, 0.4155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

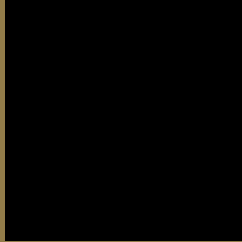
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0073, 0.4008, 0.4155

Background



This preview shows how black text looks on a background with the Yxy color 21.0073, 0.4008, 0.4155.



This preview shows how white text looks on a background with the Yxy color 21.0073, 0.4008, 0.4155.

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

21.0073, 0.4008, 0.4155

Protanopia

21.1621, 0.3881, 0.4218

Deuteranopia

21.0392, 0.4127, 0.4058



Tritanopia

21.0685, 0.3440, 0.3141

Trichromacy



Original Color

21.0073, 0.4008, 0.4155

Protanomaly

21.1669, 0.3928, 0.4188

Deuteranomaly

20.9928, 0.4079, 0.4086

Tritanomaly

20.8840, 0.3661, 0.3513

Monochromacy



Original Color

21.0073, 0.4008, 0.4155

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.6944, 0.3446, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0073, 0.4008, 0.4155 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(146, 124, 73)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 73)  
}
```

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(146, 124, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 73) }
```

Border

The CSS property to change the border of an element to Yxy 21.0073, 0.4008, 0.4155 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(146, 124, 73) }
```

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

```
.border{ border-color:rgb(146, 124, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 73);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0073, 0.4008, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 73) }
```

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

```
.background{ background-color: rgb(146,  
124, 73) }
```

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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