

Converting Colors

$Y_{xy}(21.1192, 0.3918, 0.4026)$

Have a look what the booklet for
Yxy(21.1192, 0.3918, 0.4026)
contains.

Yxy(21.1204, 0.3918, 0.4027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(21.1204, 0.3918, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	927C51
RGB	146, 124, 81
RGB Percent	57%, 49%, 32%
CMY	0.4274, 0.5137, 0.6824
CMYK	0.00, 0.15, 0.45, 0.43
HSL	40°, 29%, 45%
HSV	40°, 45%, 57%
XYZ	20.5487, 21.1204, 10.7779
YIQ	125.6760, 26.9150, -8.7090

Conversions

Conversions Part 2

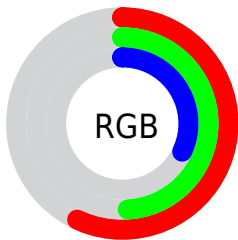
Format	Color
RYB	114, 146, 81
Decimal	9600081
CIELab	53.08, 2.33, 26.59
CIElCh	53, 26.690, 84.997
Yxy	21.1204, 0.3918, 0.4027
Android (android.graphics.Color)	4287790161 (0xFF927C51)
YUV	125.6760, -22.0253, 17.8241
Hunter-Lab	45.9569, -0.6119, 18.2651

Details

The Yxy color **21.1204, 0.3918, 0.4027** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.5285, 0.2396, 0.2413**, and the grayscale version is **20.8185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1069, 0.3746, 0.3865**, and **7.5332, 0.4220, 0.4275** is the 20% darker color. If you saturate the color by 10%, you get **19.7170, 0.4125, 0.4180**, and if you desaturate by 10%, it is **22.6350, 0.3718, 0.3861**.

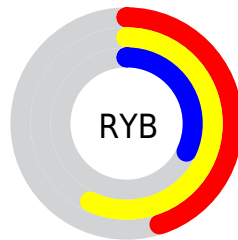
Distribution



Red (57%)

Green (49%)

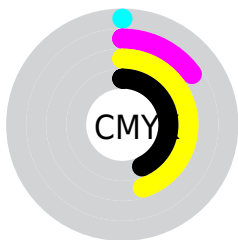
Blue (32%)



Red (45%)

Yellow (57%)

Blue (32%)

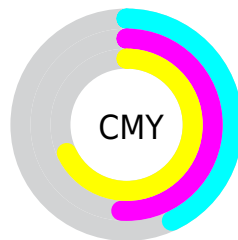


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (43%)



Cyan (43%)


Magenta (51%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1204, 0.3918, 0.4027 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 21.1204, 0.3918, 0.4027 by changing the saturation by 10% instead.


 21.1204, 0.3918,
0.4027


 21.1204, 0.3918,
0.4027


257.9177, 0.3476,
0.3620


 13.2120, 0.4043,
0.4139


 45.2878, 0.3746,
0.3871


 7.5747, 0.4209,
0.4286


 62.3157, 0.3685,
0.3815


 3.8240, 0.4438,
0.4481


 83.1522, 0.3635,
0.3768

 1.5756, 0.5011,
0.4989

 108.1817, 0.3593,
0.3729

 0.3411, 0.5276,
0.4724

 137.7886, 0.3557,
0.3696

 0.0000, 0.0000,
0.0000

172.3573, 0.3526,

0.3667

212.2722, 0.3500,
0.3642

■ 21.1204, 0.3918,
0.4027

■ 21.1204, 0.3918,
0.4027

■ 19.7170, 0.4125,
0.4180

■ 22.6350, 0.3718,
0.3861

■ 18.4179, 0.4330,
0.4311

■ 24.2616, 0.3529,
0.3691

■ 17.2198, 0.4527,
0.4409

■ 26.0045, 0.3354,
0.3523

■ 16.1179, 0.4703,
0.4464

■ 27.8670, 0.3194,
0.3361

■ 15.1061, 0.4852,
0.4472

■ 29.8521, 0.3050,
0.3207

■ 14.5826, 0.4930,
0.4468

■ 31.9628, 0.2921,
0.3063

■ 34.2019, 0.2806,
0.2930

■ 36.5720, 0.2703,
0.2807

■ 39.0759, 0.2612,
0.2694

Harmonies

Analogous

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



21.1204, 0.4096, 0.3707



21.1204, 0.3918, 0.4027



21.1204, 0.3531, 0.4171

Triad

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



21.1204, 0.3918, 0.4027



21.1204, 0.2329, 0.3159



21.1204, 0.3143, 0.2673

Complementary

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



21.1204, 0.3918, 0.4027



13.5285, 0.2396, 0.2413

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.



21.1204, 0.2684, 0.2526



21.1204, 0.3918, 0.4027



21.1204, 0.2243, 0.2765

Square

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



21.1204, 0.3918, 0.4027



21.1204, 0.2616, 0.3644



21.1204, 0.2367, 0.2550



21.1204, 0.3632, 0.2956

Rectangle

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



21.1204, 0.3918, 0.4027



21.1204, 0.3214, 0.4115



21.1204, 0.2367, 0.2550



21.1204, 0.2980, 0.2607

Sweetspot

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



21.1214, 0.3918, 0.4027



46.2685, 0.3333, 0.3502



12.9916, 0.3849, 0.2893



10.1509, 0.3366, 0.3536



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.



21.1214, 0.3918, 0.4027



34.8842, 0.4115, 0.4174



26.4123, 0.3654, 0.4395



6.4172, 0.3267, 0.3436



12.8723, 0.4925, 0.4471



0.2123, 0.4529, 0.4786

Inverse Universe

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



13.5285, 0.2396, 0.2413



19.8252, 0.2232, 0.2183



10.1721, 0.2431, 0.1991



5.9349, 0.2989, 0.3140



3.8297, 0.1648, 0.1134



0.0973, 0.1877, 0.1957

Previews

White Background



This preview shows how the Yxy color 21.1204, 0.3918, 0.4027 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 21.1204, 0.3918, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

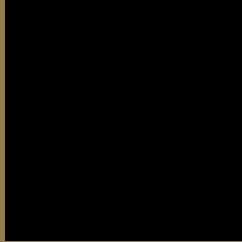
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1204, 0.3918, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 21.1204, 0.3918, 0.4027.



This preview shows how white text looks on a background with the Yxy color 21.1204, 0.3918, 0.4027.

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

21.1204, 0.3918, 0.4027

Protanopia

21.1912, 0.3781, 0.4089

Deuteranopia

21.0562, 0.4021, 0.3938



Tritanopia

21.0685, 0.3440, 0.3141

Trichromacy



Original Color

21.1204, 0.3918, 0.4027

Protanomaly

21.1936, 0.3827, 0.4061

Deuteranomaly

21.0123, 0.3974, 0.3965

Tritanomaly

20.9483, 0.3623, 0.3462

Monochromacy



Original Color

21.1204, 0.3918, 0.4027

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.7796, 0.3399, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1204, 0.3918, 0.4027 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, 81)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 81)  
}
```

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, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 81) }
```

Border

The CSS property to change the border of an element to Yxy 21.1204, 0.3918, 0.4027 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, 81) }
```

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

```
.border{ border-color:rgb(146, 124, 81) }
```

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, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 81);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1204, 0.3918, 0.4027 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, 81) }
```

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

```
.background{ background-color: rgb(146,  
124, 81) }
```

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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