

Converting Colors

$Y_{xy}(20.7589, 0.3705, 0.3741)$

Have a look what the booklet for
Yxy(20.7589, 0.3705, 0.3741)
contains.

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Color

Yxy(20.6218, 0.3699, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	8F7A61
RGB	143, 122, 97
RGB Percent	56%, 48%, 38%
CMY	0.4392, 0.5216, 0.6197
CMYK	0.00, 0.15, 0.32, 0.44
HSL	33°, 19%, 47%
HSV	33°, 32%, 56%
XYZ	20.4449, 20.6218, 14.2048
YIQ	125.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

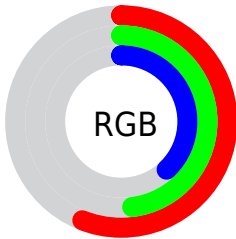
Format	Color
R_{YB}	136, 143, 97
Decimal	9402977
CIE _{Lab}	52.53, 4.18, 16.73
CIE _{LCh}	53, 17.241, 75.958
Yxy	20.6218, 0.3699, 0.3731
Android (android.graphics.Color)	4287593057 (0xFF8F7A61)
YUV	125.4290, -14.0155, 15.4098
Hunter-Lab	45.4112, 0.8942, 13.2418

Details

The Yxy color **20.6218, 0.3699, 0.3731** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4748, 0.2625, 0.2803**, and the grayscale version is **20.7036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.2805, 0.3564, 0.3628**, and **7.2707, 0.3947, 0.3893** is the 20% darker color. If you saturate the color by 10%, you get **18.8306, 0.3919, 0.3871**, and if you desaturate by 10%, it is **22.5706, 0.3499, 0.3589**.

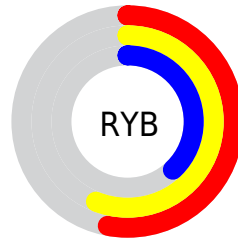
Distribution



Red (56%)

Green (48%)

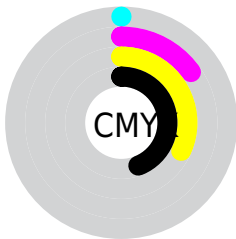
Blue (38%)



Red (53%)

Yellow (56%)

Blue (38%)

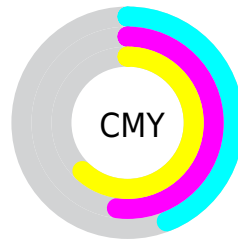


Cyan (0%)

Magenta (15%)

Yellow (32%)

Black (44%)



Cyan (44%)


Magenta (52%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6218, 0.3699, 0.3731 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 20.6218, 0.3699, 0.3731 by changing the saturation by 10% instead.


 20.6218, 0.3699,
0.3731

 20.6218, 0.3699,
0.3731


255.2617, 0.3374,
0.3486


 12.8478, 0.3796,
0.3801


 44.4572, 0.3570,
0.3635

 7.3238, 0.3930,
0.3897


 61.2875, 0.3525,
0.3601

 3.6654, 0.4129,
0.4032

 81.9054, 0.3488,
0.3573

 1.4882, 0.4608,
0.4386

 106.6951, 0.3458,
0.3550

 0.2804, 0.5680,
0.4320

136.0413, 0.3432,
0.3530

 0.0000, 0.0000,
0.0000

170.3281, 0.3410,

0.3513

209.9401, 0.3391,
0.3499

■ 20.6218, 0.3699,
0.3731

■ 20.6218, 0.3699,
0.3731

■ 18.8306, 0.3919,
0.3871

■ 22.5706, 0.3499,
0.3589

■ 17.1895, 0.4156,
0.4003

■ 24.6786, 0.3319,
0.3450

■ 15.6944, 0.4404,
0.4116

■ 26.9510, 0.3160,
0.3318

■ 14.3400, 0.4652,
0.4200

■ 29.3917, 0.3019,
0.3194

■ 13.1203, 0.4889,
0.4244

■ 32.0047, 0.2895,
0.3078

■ 12.0288, 0.5099,
0.4238

■ 34.7937, 0.2786,
0.2971

■ 11.2548, 0.5252,
0.4212

■ 37.7622, 0.2691,
0.2873

■ 40.9138, 0.2607,
0.2784

■ 44.2518, 0.2532,
0.2701

Harmonies

Analogous

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



20.6218, 0.3755, 0.3507



20.6218, 0.3699, 0.3731



20.6218, 0.3486, 0.3850

Triad

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



20.6218, 0.3699, 0.3731



20.6218, 0.2643, 0.3306



20.6218, 0.3046, 0.2833

Complementary

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



20.6218, 0.3699, 0.3731



17.4748, 0.2625, 0.2803

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.



20.6218, 0.2761, 0.2769



20.6218, 0.3699, 0.3731



20.6218, 0.2537, 0.3023

Square

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



20.6218, 0.3699, 0.3731



20.6218, 0.2875, 0.3603



20.6218, 0.2579, 0.2833



20.6218, 0.3367, 0.3003

Rectangle

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



20.6218, 0.3699, 0.3731



20.6218, 0.3289, 0.3842



20.6218, 0.2579, 0.2833



20.6218, 0.2943, 0.2798

Sweetspot

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



20.6228, 0.3699, 0.3731



44.9720, 0.3286, 0.3424



15.7034, 0.3505, 0.2912



10.1986, 0.3307, 0.3441



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.



20.6228, 0.3699, 0.3731



34.4532, 0.3865, 0.3839



26.2146, 0.3578, 0.4070



5.8794, 0.3269, 0.3410



9.9923, 0.5246, 0.4217



0.1397, 0.4695, 0.4654

Inverse Universe

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



17.4748, 0.2625, 0.2803



27.8660, 0.2501, 0.2665



13.1524, 0.2592, 0.2381



5.6350, 0.2990, 0.3167



5.1625, 0.1744, 0.1479



0.0925, 0.1967, 0.2281

Previews

White Background



This preview shows how the Yxy color 20.6218, 0.3699, 0.3731 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 20.6218, 0.3699, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

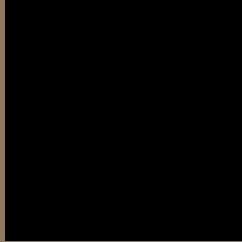
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6218, 0.3699, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 20.6218, 0.3699, 0.3731.



This preview shows how white text looks on a background with the Yxy color 20.6218, 0.3699, 0.3731.

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

20.6218, 0.3699, 0.3731

Protanopia

20.6174, 0.3554, 0.3783

Deuteranopia

20.4991, 0.3762, 0.3689



Tritanopia

20.6002, 0.3376, 0.3138

Trichromacy



Original Color

20.6218, 0.3699, 0.3731

Protanomaly

20.6155, 0.3598, 0.3759

Deuteranomaly

20.6488, 0.3744, 0.3708

Tritanomaly

20.4743, 0.3498, 0.3343

Monochromacy



Original Color

20.6218, 0.3699, 0.3731

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.5586, 0.3330, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6218, 0.3699, 0.3731 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(143, 122, 97)` looks like.

```
.text, #text, p{  
    color:rgb(143, 122, 97)  
}
```

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(143, 122, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 122, 97) }
```

Border

The CSS property to change the border of an element to Yxy 20.6218, 0.3699, 0.3731 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(143, 122, 97) }
```

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

```
.border{ border-color:rgb(143, 122, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 122, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(143, 122,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6218, 0.3699, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 122, 97) }
```

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

```
.background{ background-color: rgb(143,  
122, 97) }
```

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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