

Converting Colors

$Y_{xy}(22.0725, 0.3905, 0.3704)$

Have a look what the booklet for
Yxy(22.0725, 0.3905, 0.3704)
contains.

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Color

Yxy(22.0512, 0.3895, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	9E7A61
RGB	158, 122, 97
RGB Percent	62%, 48%, 38%
CMY	0.3803, 0.5216, 0.6196
CMYK	0.00, 0.23, 0.39, 0.38
HSL	25°, 24%, 50%
HSV	25°, 39%, 62%
XYZ	23.2196, 22.0512, 14.3431
YIQ	129.9140, 29.4810, -0.1430

Conversions

Conversions Part 2

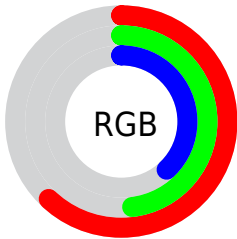
Format	Color
R_{YB}	158, 139, 97
Decimal	10386017
CIE _{Lab}	54.08, 10.49, 19.07
CIE _{LCh}	54, 21.763, 61.177
Yxy	22.0512, 0.3895, 0.3699
Android (android.graphics.Color)	4288576097 (0xFF9E7A61)
YUV	129.9140, -16.2266, 24.6314
Hunter-Lab	46.9587, 6.0850, 14.7615

Details

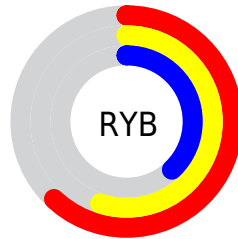
The Yxy color **22.0512, 0.3895, 0.3699** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7911, 0.2538, 0.2837**, and the grayscale version is **22.3427, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7064, 0.3726, 0.3609**, and **7.9986, 0.4207, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **19.6044, 0.4164, 0.3803**, and if you desaturate by 10%, it is **24.7787, 0.3655, 0.3590**.

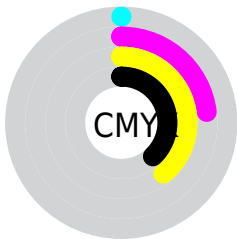
Distribution



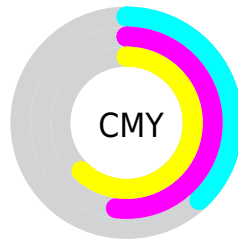
- Red (62%)
- Green (48%)
- Blue (38%)



- Red (62%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (38%)





- Cyan (38%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0512, 0.3895, 0.3699 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 22.0512, 0.3895, 0.3699 by changing the saturation by 10% instead.


 22.0512, 0.3895,
0.3699


 22.0512, 0.3895,
0.3699


262.8135, 0.3462,
0.3481


 13.8945, 0.4022,
0.3756


 46.8306, 0.3724,
0.3617

 8.0473, 0.4197,
0.3830


 64.2221, 0.3664,
0.3587

 4.1253, 0.4452,
0.3925

 85.4607, 0.3615,
0.3562

 1.7439, 0.4982,
0.4151

 110.9308, 0.3574,
0.3541

 0.4518, 0.6028,
0.3972

141.0167, 0.3540,
0.3522

 0.0000, 0.0000,
0.0000

176.1029, 0.3510,

0.3507

216.5737, 0.3484,
0.3493

■ 22.0512, 0.3895,
0.3699

■ 22.0512, 0.3895,
0.3699

■ 19.6044, 0.4164,
0.3803

■ 24.7787, 0.3655,
0.3590

■ 17.4255, 0.4458,
0.3894

■ 27.7929, 0.3445,
0.3480

■ 15.5053, 0.4769,
0.3959

■ 31.1035, 0.3264,
0.3376

■ 13.8325, 0.5078,
0.3988

■ 34.7188, 0.3107,
0.3277

■ 12.3950, 0.5364,
0.3969

■ 38.6468, 0.2972,
0.3185

■ 11.1752, 0.5614,
0.3906

■ 42.8950, 0.2856,
0.3100

■ 11.0203, 0.5649,
0.3896

■ 47.4707, 0.2755,
0.3023

■ 52.3812, 0.2669,
0.2952

■ 57.6333, 0.2593,
0.2887

Harmonies

Analogous

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



22.0512, 0.3856, 0.3391



22.0512, 0.3895, 0.3699



22.0512, 0.3716, 0.3927

Triad

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



22.0512, 0.3895, 0.3699



22.0512, 0.2655, 0.3496



22.0512, 0.2841, 0.2678

Complementary

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



22.0512, 0.3895, 0.3699



21.7911, 0.2538, 0.2837

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.



22.0512, 0.2550, 0.2671



22.0512, 0.3895, 0.3699



22.0512, 0.2448, 0.3117

Square

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



22.0512, 0.3895, 0.3699



22.0512, 0.2994, 0.3830



22.0512, 0.2412, 0.2821



22.0512, 0.3226, 0.2825

Rectangle

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



22.0512, 0.3895, 0.3699



22.0512, 0.3505, 0.3991



22.0512, 0.2412, 0.2821



22.0512, 0.2729, 0.2659

Sweetspot

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



22.0522, 0.3895, 0.3699



54.2317, 0.3326, 0.3413



17.5312, 0.3497, 0.2706



12.0620, 0.3348, 0.3426



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



22.0522, 0.3895, 0.3699



36.3205, 0.4116, 0.3786



30.5611, 0.3723, 0.4141



7.0701, 0.3274, 0.3382



8.8987, 0.5635, 0.3908



0.2402, 0.4978, 0.4429

Inverse Universe

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



21.7911, 0.2538, 0.2837



35.7647, 0.2416, 0.2720



14.7326, 0.2454, 0.2265



7.0533, 0.2988, 0.3196



8.3642, 0.1866, 0.1919



0.2314, 0.2035, 0.2527

Previews

White Background



This preview shows how the Yxy color 22.0512, 0.3895, 0.3699 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 22.0512, 0.3895, 0.3699 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 22.0512, 0.3895, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 22.0512, 0.3895, 0.3699.



This preview shows how white text looks on a background with the Yxy color 22.0512, 0.3895, 0.3699.

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

22.0512, 0.3895, 0.3699

Protanopia

22.0239, 0.3565, 0.3805

Deuteranopia

22.0507, 0.3818, 0.3742



Tritanopia

22.0662, 0.3568, 0.3148

Trichromacy



Original Color

22.0512, 0.3895, 0.3699

Protanomaly

21.8423, 0.3680, 0.3758

Deuteranomaly

21.9975, 0.3850, 0.3721

Tritanomaly

21.9282, 0.3693, 0.3340

Monochromacy



Original Color

22.0512, 0.3895, 0.3699

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.0622, 0.3387, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0512, 0.3895, 0.3699 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(158, 122, 97)` looks like.

```
.text, #text, p{  
    color:rgb(158, 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(158, 122, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 122, 97) }
```

Border

The CSS property to change the border of an element to Yxy 22.0512, 0.3895, 0.3699 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(158, 122, 97) }
```

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

```
.border{ border-color:rgb(158, 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(158, 122, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 122, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 122, 97);  
box-shadow:4px 4px 4px 4px rgb(158, 122,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0512, 0.3895, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 122, 97) }
```

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

```
.background{ background-color: rgb(158,  
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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