

Converting Colors

$Y_{xy}(27.6719, 0.3902, 0.3914)$

Have a look what the booklet for
Yxy(27.6719, 0.3902, 0.3914)
contains.

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Color

Yxy(27.6719, 0.3902, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	A88B62
RGB	168, 139, 98
RGB Percent	66%, 55%, 38%
CMY	0.3411, 0.4549, 0.6157
CMYK	0.00, 0.17, 0.42, 0.34
HSL	35°, 29%, 52%
HSV	35°, 42%, 66%
XYZ	27.5871, 27.6719, 15.4408
YIQ	142.9970, 30.4450, -6.6030

Conversions

Conversions Part 2

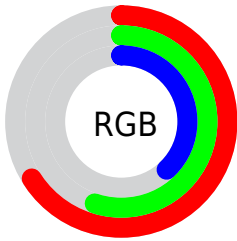
Format	Color
RYB	148, 168, 98
Decimal	11045730
CIELab	59.59, 5.23, 26.03
CIElCh	60, 26.553, 78.651
Yxy	27.6719, 0.3902, 0.3914
Android (android.graphics.Color)	4289235810 (0xFFA88B62)
YUV	142.9970, -22.1835, 21.9276
Hunter-Lab	52.6041, 1.5533, 19.4195

Details

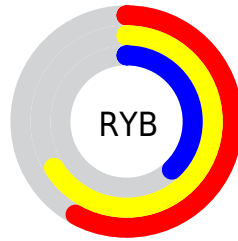
The Yxy color **27.6719, 0.3902, 0.3914** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **20.6037, 0.2453, 0.2566**, and the grayscale version is **27.5488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7165, 0.3742, 0.3790**, and **10.9612, 0.4156, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **25.4363, 0.4131, 0.4057**, and if you desaturate by 10%, it is **30.1051, 0.3687, 0.3762**.

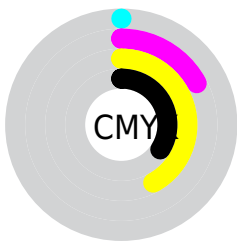
Distribution



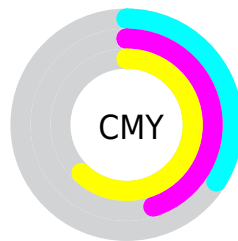
- Red (66%)
- Green (55%)
- Blue (38%)



- Red (58%)
- Yellow (66%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (42%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6719, 0.3902, 0.3914 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 27.6719, 0.3902, 0.3914 by changing the saturation by 10% instead.


 27.6719, 0.3902,
0.3914


 27.6719, 0.3902,
0.3914


290.8958, 0.3484,
0.3586

 18.0785, 0.4015,
0.3999


 55.9602, 0.3743,
0.3792


 11.0063, 0.4165,
0.4107


 75.4238, 0.3685,
0.3747

 6.0711, 0.4368,
0.4248


 98.9464, 0.3637,
0.3709

 2.8884, 0.4695,
0.4468

 126.9121, 0.3597,
0.3677

 1.0737, 0.5220,
0.4780

159.7056, 0.3562,
0.3649

 0.0000, 1.0000,
0.0000

197.7111, 0.3533,

 0.0000, 0.0000,

0.3625

0.0000

241.3130, 0.3506,
0.3604

■ 27.6719, 0.3902,
0.3914

■ 27.6719, 0.3902,
0.3914

■ 25.4363, 0.4131,
0.4057

■ 30.1051, 0.3687,
0.3762

■ 23.3878, 0.4366,
0.4180

■ 32.7382, 0.3490,
0.3608

■ 21.5206, 0.4599,
0.4272

■ 35.5782, 0.3311,
0.3457

■ 19.8268, 0.4817,
0.4323

■ 38.6307, 0.3152,
0.3313

■ 18.2976, 0.5009,
0.4323

■ 41.9008, 0.3011,
0.3178

■ 17.1362, 0.5150,
0.4293

■ 45.3936, 0.2886,
0.3052

■ 49.1140, 0.2775,
0.2936

■ 53.0665, 0.2678,
0.2830

■ 57.2558, 0.2592,
0.2732

Harmonies

Analogous

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



27.6719, 0.4010, 0.3605



27.6719, 0.3902, 0.3914



27.6719, 0.3584, 0.4081

Triad

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



27.6719, 0.3902, 0.3914



27.6719, 0.2439, 0.3265



27.6719, 0.3048, 0.2684

Complementary

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



27.6719, 0.3902, 0.3914



20.6037, 0.2453, 0.2566

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.



27.6719, 0.2649, 0.2580



27.6719, 0.3902, 0.3914



27.6719, 0.2318, 0.2879

Square

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



27.6719, 0.3902, 0.3914



27.6719, 0.2739, 0.3699



27.6719, 0.2392, 0.2641



27.6719, 0.3498, 0.2922

Rectangle

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



27.6719, 0.3902, 0.3914



27.6719, 0.3303, 0.4065



27.6719, 0.2392, 0.2641



27.6719, 0.2904, 0.2632

Sweetspot

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



27.6732, 0.3902, 0.3914



63.7215, 0.3338, 0.3480



18.5970, 0.3725, 0.2844



13.6450, 0.3375, 0.3512



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



27.6732, 0.3902, 0.3914



46.4463, 0.4113, 0.4046



36.5906, 0.3677, 0.4319



8.2448, 0.3272, 0.3422



13.0417, 0.5138, 0.4303



0.4146, 0.4752, 0.4609

Inverse Universe

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



20.6037, 0.2453, 0.2566



31.8926, 0.2299, 0.2370



14.4948, 0.2427, 0.2054



7.7921, 0.2986, 0.3154



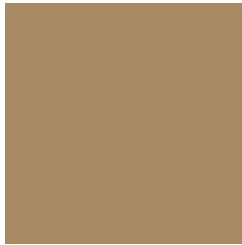
5.5023, 0.1705, 0.1336



0.2354, 0.1892, 0.2010

Previews

White Background



This preview shows how the Yxy color 27.6719, 0.3902, 0.3914 looks on a white background.

Color Contrast Check

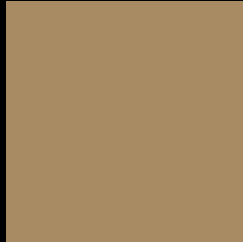
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6719, 0.3902, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

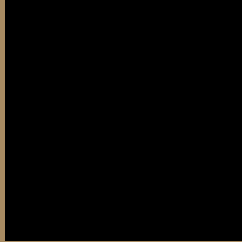
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6719, 0.3902, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 27.6719, 0.3902, 0.3914.



This preview shows how white text looks on a background with the Yxy color 27.6719, 0.3902, 0.3914.

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

27.6719, 0.3902, 0.3914

Protanopia

27.8352, 0.3700, 0.3994

Deuteranopia

27.5438, 0.3961, 0.3874



Tritanopia

27.6425, 0.3478, 0.3144

Trichromacy



Original Color

27.6719, 0.3902, 0.3914

Protanomaly

27.7204, 0.3780, 0.3965

Deuteranomaly

27.7167, 0.3943, 0.3891

Tritanomaly

27.5182, 0.3631, 0.3412

Monochromacy



Original Color

27.6719, 0.3902, 0.3914

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5537, 0.3391, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6719, 0.3902, 0.3914 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(168, 139, 98)` looks like.

```
.text, #text, p{  
    color:rgb(168, 139, 98)  
}
```

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(168, 139, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 139, 98) }
```

Border

The CSS property to change the border of an element to Yxy 27.6719, 0.3902, 0.3914 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(168, 139, 98) }
```

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

```
.border{ border-color:rgb(168, 139, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 139, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 139, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 139, 98);  
box-shadow:4px 4px 4px 4px rgb(168, 139,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6719, 0.3902, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 139, 98) }
```

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

```
.background{ background-color: rgb(168,  
139, 98) }
```

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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