

Converting Colors

$Y_{xy}(28.7779, 0.3859, 0.3910)$

Have a look what the booklet for
Yxy(28.7779, 0.3859, 0.3910)
contains.

Yxy(28.7206, 0.3864, 0.3909)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.7206, 0.3864, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	A98E65
RGB	169, 142, 101
RGB Percent	66%, 56%, 40%
CMY	0.3371, 0.4432, 0.6039
CMYK	0.00, 0.16, 0.40, 0.34
HSL	36°, 28%, 53%
HSV	36°, 40%, 66%
XYZ	28.3900, 28.7206, 16.3624
YIQ	145.3990, 29.2530, -7.0270

Conversions

Conversions Part 2

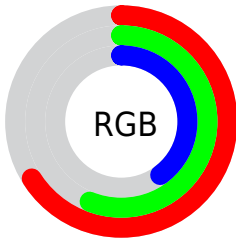
Format	Color
R_{YB}	146, 169, 101
Decimal	11112037
CIE _{Lab}	60.53, 4.34, 25.62
CIE _{LCh}	61, 25.990, 80.385
Yxy	28.7206, 0.3864, 0.3909
Android (android.graphics.Color)	4289302117 (0xFFA98E65)
YUV	145.3990, -21.8887, 20.6981
Hunter-Lab	53.5916, 0.7745, 19.4119

Details

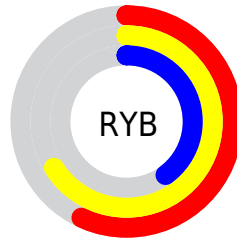
The Yxy color **28.7206, 0.3864, 0.3909** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.0863, 0.2474, 0.2575**, and the grayscale version is **28.5704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.7544, 0.3712, 0.3797**, and **11.5562, 0.4109, 0.4114** is the 20% darker color. If you saturate the color by 10%, you get **26.4842, 0.4087, 0.4057**, and if you desaturate by 10%, it is **31.1484, 0.3654, 0.3752**.

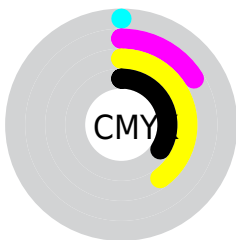
Distribution



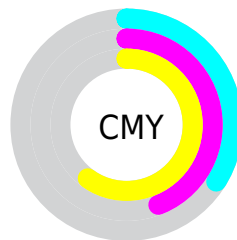
- Red (66%)
- Green (56%)
- Blue (40%)



- Red (57%)
- Yellow (66%)
- Blue (40%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (34%)





- Cyan (34%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7206, 0.3864, 0.3909 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 28.7206, 0.3864, 0.3909 by changing the saturation by 10% instead.


 28.7206, 0.3864,
0.3909


 28.7206, 0.3864,
0.3909


295.8944, 0.3468,
0.3584

 18.8696, 0.3970,
0.3993


 57.6329, 0.3714,
0.3788

 11.5761, 0.4110,
0.4101


 77.4629, 0.3660,
0.3743

 6.4557, 0.4300,
0.4243


 101.3881, 0.3614,
0.3706

 3.1241, 0.4583,
0.4444

 129.7927, 0.3576,
0.3674

 1.1969, 0.5152,
0.4848

163.0613, 0.3543,
0.3647

 0.0591, 0.7328,
0.2672

201.5782, 0.3515,

 0.0000, 0.0000,

0.3623

0.0000

245.7277, 0.3490,
0.3602

■ 28.7206, 0.3864,
0.3909

■ 28.7206, 0.3864,
0.3909

■ 26.4842, 0.4087,
0.4057

■ 31.1484, 0.3654,
0.3752

■ 24.4289, 0.4316,
0.4187

■ 33.7695, 0.3462,
0.3594

■ 22.5491, 0.4543,
0.4288

■ 36.5908, 0.3287,
0.3440

■ 20.8374, 0.4756,
0.4348

■ 39.6176, 0.3131,
0.3293

■ 19.2852, 0.4944,
0.4360

■ 42.8549, 0.2992,
0.3156

■ 17.9084, 0.5103,
0.4330

■ 46.3076, 0.2868,
0.3028

■ 49.9802, 0.2760,
0.2909

■ 53.8772, 0.2663,
0.2801

■ 58.0031, 0.2578,
0.2702

Harmonies

Analogous

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



28.7206, 0.3981, 0.3616



28.7206, 0.3864, 0.3909



28.7206, 0.3548, 0.4057

Triad

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



28.7206, 0.3864, 0.3909



28.7206, 0.2449, 0.3243



28.7206, 0.3076, 0.2712

Complementary

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



28.7206, 0.3864, 0.3909



21.0863, 0.2474, 0.2575

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.



28.7206, 0.2684, 0.2603



28.7206, 0.3864, 0.3909



28.7206, 0.2341, 0.2875

Square

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



28.7206, 0.3864, 0.3909



28.7206, 0.2731, 0.3662



28.7206, 0.2424, 0.2654



28.7206, 0.3510, 0.2950

Rectangle

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



28.7206, 0.3864, 0.3909



28.7206, 0.3274, 0.4031



28.7206, 0.2424, 0.2654



28.7206, 0.2935, 0.2660

Sweetspot

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



28.7219, 0.3864, 0.3909



64.4775, 0.3320, 0.3470



19.3131, 0.3713, 0.2876



13.9158, 0.3341, 0.3489



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.



28.7219, 0.3864, 0.3909



47.9450, 0.4055, 0.4038



37.0339, 0.3648, 0.4290



8.2657, 0.3271, 0.3426



13.4480, 0.5091, 0.4340



0.4230, 0.4725, 0.4630

Inverse Universe

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



21.0863, 0.2474, 0.2575



32.4486, 0.2328, 0.2388



15.3525, 0.2467, 0.2106



7.7717, 0.2986, 0.3150



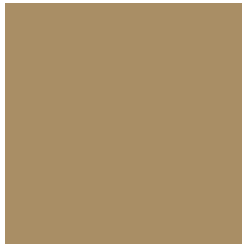
5.2424, 0.1691, 0.1286



0.2280, 0.1880, 0.1967

Previews

White Background



This preview shows how the Yxy color 28.7206, 0.3864, 0.3909 looks on a white background.

Color Contrast Check

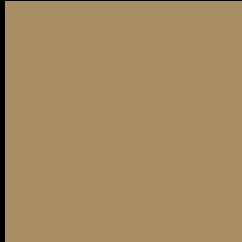
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7206, 0.3864, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

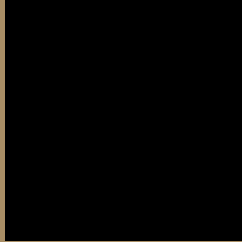
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7206, 0.3864, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 28.7206, 0.3864, 0.3909.



This preview shows how white text looks on a background with the Yxy color 28.7206, 0.3864, 0.3909.

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

28.7206, 0.3864, 0.3909

Protanopia

28.8061, 0.3695, 0.3967

Deuteranopia

28.6944, 0.3934, 0.3868



Tritanopia

28.7136, 0.3437, 0.3130

Trichromacy



Original Color

28.7206, 0.3864, 0.3909

Protanomaly

28.8915, 0.3756, 0.3957

Deuteranomaly

28.7600, 0.3904, 0.3887

Tritanomaly

28.5593, 0.3598, 0.3411

Monochromacy



Original Color

28.7206, 0.3864, 0.3909

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.4015, 0.3388, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7206, 0.3864, 0.3909 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(169, 142, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 142, 101)  
}
```

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(169, 142, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 142, 101) }
```

Border

The CSS property to change the border of an element to Yxy 28.7206, 0.3864, 0.3909 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(169, 142, 101) }
```

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

```
.border{ border-color:rgb(169, 142, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 142, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 142, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 142, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 142,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7206, 0.3864, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 142, 101) }
```

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

```
.background{ background-color: rgb(169,  
142, 101) }
```

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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