

Converting Colors

$Y_{xy}(27.5980, 0.3692, 0.3791)$

Have a look what the booklet for
Yxy(27.5980, 0.3692, 0.3791)
contains.

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Color

Yxy(27.7309, 0.3691, 0.3793)

Conversions

Conversions Part 1

Format	Color
Hex	A18D6D
RGB	161, 141, 109
RGB Percent	63%, 55%, 43%
CMY	0.3686, 0.4471, 0.5726
CMYK	0.00, 0.12, 0.32, 0.37
HSL	37°, 22%, 53%
HSV	37°, 32%, 63%
XYZ	26.9852, 27.7309, 18.3947
YIQ	143.3320, 22.1920, -5.7120

Conversions

Conversions Part 2

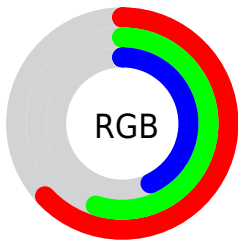
Format	Color
R_{YB}	142, 161, 109
Decimal	10587501
CIE _{Lab}	59.64, 2.57, 19.86
CIE _{LCh}	60, 20.025, 82.631
Yxy	27.7309, 0.3691, 0.3793
Android (android.graphics.Color)	4288777581 (0xFFFA18D6D)
YUV	143.3320, -16.9257, 15.4948
Hunter-Lab	52.6601, -0.6847, 16.1516

Details

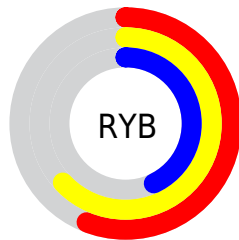
The Yxy color **27.7309, 0.3691, 0.3793** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.5267, 0.2609, 0.2728**, and the grayscale version is **27.6711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2024, 0.3566, 0.3693**, and **11.0072, 0.3881, 0.3967** is the 20% darker color. If you saturate the color by 10%, you get **25.6404, 0.3900, 0.3951**, and if you desaturate by 10%, it is **29.9897, 0.3497, 0.3632**.

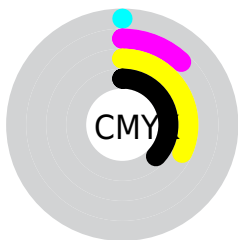
Distribution



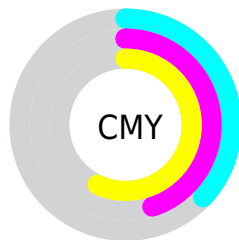
- Red (63%)
- Green (55%)
- Blue (43%)



- Red (56%)
- Yellow (63%)
- Blue (43%)



- Cyan (0%)
- Magenta (12%)
- Yellow (32%)
- Black (37%)




- Cyan (37%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7309, 0.3691, 0.3793 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 27.7309, 0.3691, 0.3793 by changing the saturation by 10% instead.


 27.7309, 0.3691,
0.3793


 27.7309, 0.3691,
0.3793


291.1788, 0.3386,
0.3524


 18.1229, 0.3775,
0.3866


 56.0545, 0.3574,
0.3691

 11.0383, 0.3888,
0.3961

 75.5389, 0.3532,
0.3654

 6.0926, 0.4045,
0.4093

 99.0843, 0.3497,
0.3623

 2.9015, 0.4275,
0.4280

 127.0750, 0.3468,
0.3597

 1.0805, 0.5045,
0.4955

159.8954, 0.3443,
0.3575

 0.0000, 1.0000,
0.0000

197.9299, 0.3421,

 0.0000, 0.0000,

0.3555

0.0000

241.5629, 0.3402,
0.3539

■ 27.7309, 0.3691,
0.3793

■ 27.7309, 0.3691,
0.3793

■ 25.6404, 0.3900,
0.3951

■ 29.9897, 0.3497,
0.3632

■ 23.7092, 0.4120,
0.4099

■ 32.4179, 0.3320,
0.3475

■ 21.9331, 0.4345,
0.4227

■ 35.0211, 0.3161,
0.3324

■ 20.3061, 0.4564,
0.4323

■ 37.8039, 0.3019,
0.3181

■ 18.8217, 0.4766,
0.4377

■ 40.7703, 0.2893,
0.3049

■ 17.4722, 0.4942,
0.4382

■ 43.9244, 0.2782,
0.2927

■ 16.5148, 0.5063,
0.4362

■ 47.2700, 0.2683,
0.2814

■ 50.8109, 0.2595,
0.2711

■ 54.5506, 0.2518,
0.2617

Harmonies

Analogous

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



27.7309, 0.3792, 0.3574



27.7309, 0.3691, 0.3793



27.7309, 0.3438, 0.3886

Triad

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



27.7309, 0.3691, 0.3793



27.7309, 0.2581, 0.3235



27.7309, 0.3116, 0.2842

Complementary

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



27.7309, 0.3691, 0.3793



21.5267, 0.2609, 0.2728

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.



27.7309, 0.2801, 0.2747



27.7309, 0.3691, 0.3793



27.7309, 0.2505, 0.2953

Square

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



27.7309, 0.3691, 0.3793



27.7309, 0.2798, 0.3555



27.7309, 0.2583, 0.2782



27.7309, 0.3450, 0.3040

Rectangle

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



27.7309, 0.3691, 0.3793



27.7309, 0.3222, 0.3851



27.7309, 0.2583, 0.2782



27.7309, 0.3004, 0.2797

Sweetspot

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



27.7322, 0.3691, 0.3793



59.0077, 0.3285, 0.3442



20.1200, 0.3559, 0.2960



12.8101, 0.3307, 0.3462



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.



27.7322, 0.3691, 0.3793



46.8474, 0.3845, 0.3911



33.6492, 0.3548, 0.4091



7.7773, 0.3270, 0.3428



13.2673, 0.5054, 0.4369



0.3661, 0.4672, 0.4672

Inverse Universe

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



21.5267, 0.2609, 0.2728



33.9343, 0.2483, 0.2573



17.0989, 0.2620, 0.2375



7.2860, 0.2987, 0.3148



4.8762, 0.1681, 0.1252



0.1923, 0.1885, 0.1986

Previews

White Background



This preview shows how the Yxy color 27.7309, 0.3691, 0.3793 looks on a white background.

Color Contrast Check

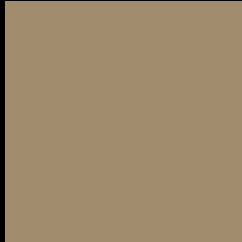
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7309, 0.3691, 0.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

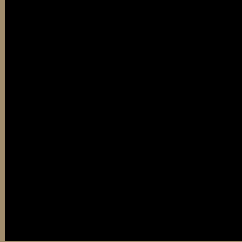
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7309, 0.3691, 0.3793

Background



This preview shows how black text looks on a background with the Yxy color 27.7309, 0.3691, 0.3793.



This preview shows how white text looks on a background with the Yxy color 27.7309, 0.3691, 0.3793.

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

27.7309, 0.3691, 0.3793

Protanopia

27.9423, 0.3586, 0.3837

Deuteranopia

27.7378, 0.3788, 0.3717



Tritanopia

27.7142, 0.3336, 0.3125

Trichromacy



Original Color

27.7309, 0.3691, 0.3793

Protanomaly

27.9388, 0.3625, 0.3815

Deuteranomaly

27.6980, 0.3748, 0.3738

Tritanomaly

27.7629, 0.3473, 0.3368

Monochromacy



Original Color

27.7309, 0.3691, 0.3793

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.4687, 0.3327, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7309, 0.3691, 0.3793 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(161, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(161, 141, 109)  
}
```

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(161, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 141, 109) }
```

Border

The CSS property to change the border of an element to Yxy 27.7309, 0.3691, 0.3793 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(161, 141, 109) }
```

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

```
.border{ border-color:rgb(161, 141, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 141, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 141, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 141, 109);  
box-shadow:4px 4px 4px 4px rgb(161, 141,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7309, 0.3691, 0.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 141, 109) }
```

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

```
.background{ background-color: rgb(161,  
141, 109) }
```

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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