

Converting Colors

$Y_{xy}(27.0573, 0.3717, 0.3931)$

Have a look what the booklet for
Yxy(27.0573, 0.3717, 0.3931)
contains.

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Color

Yxy(27.0573, 0.3717, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	9C8D65
RGB	156, 141, 101
RGB Percent	61%, 55%, 40%
CMY	0.3882, 0.4470, 0.6039
CMYK	0.00, 0.10, 0.35, 0.39
HSL	44°, 22%, 50%
HSV	44°, 35%, 61%
XYZ	25.5843, 27.0573, 16.1890
YIQ	140.9250, 21.7800, -9.2600

Conversions

Conversions Part 2

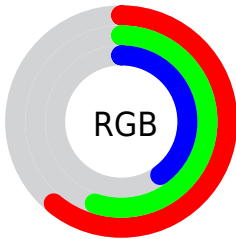
Format	Color
R_{YB}	122, 156, 101
Decimal	10259813
CIE Lab	59.03, -0.56, 23.40
CIE LCh	59, 23.410, 91.365
Yxy	27.0573, 0.3717, 0.3931
Android (android.graphics.Color)	4288449893 (0xFF9C8D65)
YUV	140.9250, -19.6830, 13.2208
Hunter-Lab	52.0166, -3.2341, 17.9590

Details

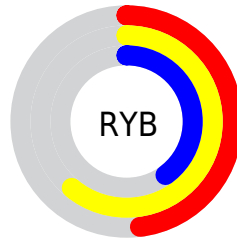
The Yxy color $27.0573, 0.3717, 0.3931$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.6600, 0.2545, 0.2552$, and the grayscale version is $26.6782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.1461, 0.3594, 0.3808$, and $10.6916, 0.3917, 0.4140$ is the 20% darker color. If you saturate the color by 10%, you get $25.5506, 0.3905, 0.4110$, and if you desaturate by 10%, it is $28.6727, 0.3535, 0.3745$.

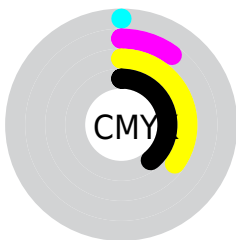
Distribution



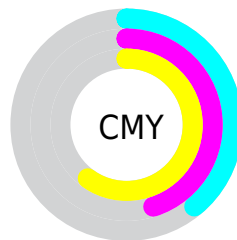
- Red (61%)
- Green (55%)
- Blue (40%)



- Red (48%)
- Yellow (61%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (39%)





- Cyan (39%)
- Magenta (45%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0573, 0.3717, 0.3931 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 27.0573, 0.3717, 0.3931 by changing the saturation by 10% instead.


 27.0573, 0.3717,
0.3931


 27.0573, 0.3717,
0.3931


287.9345, 0.3399,
0.3584

 17.6163, 0.3803,
0.4025


 54.9758, 0.3596,
0.3799


 10.6748, 0.3917,
0.4151


 74.2221, 0.3552,
0.3751

 5.8486, 0.4073,
0.4323

 97.5055, 0.3516,
0.3712

 2.7533, 0.4314,
0.4590

 125.2105, 0.3485,
0.3678

 1.0043, 0.4834,
0.5166

157.7216, 0.3459,
0.3650

 0.0000, 0.0000,
0.0000

195.4229, 0.3436,

0.3625

238.6991, 0.3416,
0.3603

■ 27.0573, 0.3717,
0.3931

■ 27.0573, 0.3717,
0.3931

■ 25.5506, 0.3905,
0.4110

■ 28.6727, 0.3535,
0.3745

■ 24.1450, 0.4095,
0.4275

■ 30.3967, 0.3364,
0.3560

■ 22.8377, 0.4279,
0.4415

■ 32.2339, 0.3205,
0.3381

■ 21.6241, 0.4447,
0.4520

■ 34.1873, 0.3060,
0.3210

■ 20.4988, 0.4594,
0.4582

■ 36.2601, 0.2928,
0.3050

■ 19.4554, 0.4712,
0.4598

■ 38.4550, 0.2810,
0.2901

■ 18.9807, 0.4765,
0.4599

■ 40.7748, 0.2704,
0.2764

■ 43.2221, 0.2609,
0.2637

■ 45.7995, 0.2524,
0.2522

Harmonies

Analogous

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



27.0573, 0.3898, 0.3702



27.0573, 0.3717, 0.3931



27.0573, 0.3381, 0.3992

Triad

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



27.0573, 0.3717, 0.3931



27.0573, 0.2444, 0.3114



27.0573, 0.3229, 0.2824

Complementary

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



27.0573, 0.3717, 0.3931



17.6600, 0.2545, 0.2552

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.



27.0573, 0.2841, 0.2676



27.0573, 0.3717, 0.3931



27.0573, 0.2409, 0.2817

Square

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



27.0573, 0.3717, 0.3931



27.0573, 0.2651, 0.3494



27.0573, 0.2549, 0.2668



27.0573, 0.3610, 0.3080

Rectangle

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



27.0573, 0.3717, 0.3931



27.0573, 0.3120, 0.3909



27.0573, 0.2549, 0.2668



27.0573, 0.3095, 0.2761

Sweetspot

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



27.0585, 0.3717, 0.3931



56.5303, 0.3298, 0.3487



17.6523, 0.3704, 0.3034



12.3491, 0.3318, 0.3510



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.0585, 0.3717, 0.3931



47.0529, 0.3860, 0.4068



30.6531, 0.3514, 0.4183



7.4142, 0.3267, 0.3452



15.6943, 0.4760, 0.4603



0.3464, 0.4492, 0.4816

Inverse Universe

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



17.6600, 0.2545, 0.2552



27.4857, 0.2407, 0.2360



15.2159, 0.2639, 0.2301



6.7150, 0.2988, 0.3123



3.4242, 0.1602, 0.0968



0.1259, 0.1806, 0.1701

Previews

White Background



This preview shows how the Yxy color 27.0573, 0.3717, 0.3931 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 27.0573, 0.3717, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

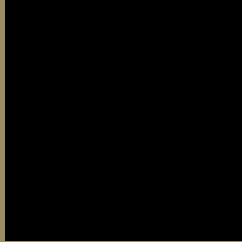
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0573, 0.3717, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 27.0573, 0.3717, 0.3931.



This preview shows how white text looks on a background with the Yxy color 27.0573, 0.3717, 0.3931.

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

27.0573, 0.3717, 0.3931

Protanopia

27.0579, 0.3677, 0.3954

Deuteranopia

27.0026, 0.3888, 0.3809



Tritanopia

26.9803, 0.3303, 0.3122

Trichromacy



Original Color

27.0573, 0.3717, 0.3931

Protanomaly

27.1556, 0.3689, 0.3952

Deuteranomaly

27.0288, 0.3817, 0.3850

Tritanomaly

26.8740, 0.3452, 0.3401

Monochromacy



Original Color

27.0573, 0.3717, 0.3931

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6671, 0.3336, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0573, 0.3717, 0.3931 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(156, 141, 101)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 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(156, 141, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 101) }
```

Border

The CSS property to change the border of an element to Yxy 27.0573, 0.3717, 0.3931 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(156, 141, 101) }
```

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

```
.border{ border-color:rgb(156, 141, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 101);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0573, 0.3717, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 101) }
```

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

```
.background{ background-color: rgb(156,  
141, 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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