

Converting Colors

$Y_{xy}(27.1875, 0.3613, 0.3856)$

Have a look what the booklet for
Yxy(27.1875, 0.3613, 0.3856)
contains.

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Color

Yxy(27.1798, 0.3614, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	998E6B
RGB	153, 142, 107
RGB Percent	60%, 56%, 42%
CMY	0.4001, 0.4431, 0.5804
CMYK	0.00, 0.07, 0.30, 0.40
HSL	46°, 18%, 51%
HSV	46°, 30%, 60%
XYZ	25.4608, 27.1798, 17.8099
YIQ	141.2990, 17.7910, -8.5530

Conversions

Conversions Part 2

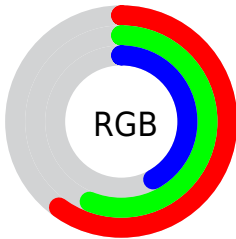
Format	Color
RYB	121, 153, 107
Decimal	10063467
CIELab	59.14, -1.57, 20.17
CIELCh	59, 20.235, 94.437
Yxy	27.1798, 0.3614, 0.3858
Android (android.graphics.Color)	4288253547 (0xFF998E6B)
YUV	141.2990, -16.9094, 10.2618
Hunter-Lab	52.1342, -4.0609, 16.2396

Details

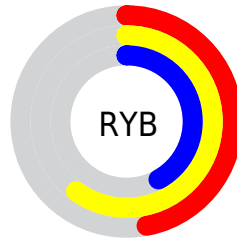
The Yxy color **27.1798, 0.3614, 0.3858** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.3717, 0.2636, 0.2648**, and the grayscale version is **26.8214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3930, 0.3511, 0.3739**, and **10.7368, 0.3781, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **25.8185, 0.3794, 0.4049**, and if you desaturate by 10%, it is **28.6361, 0.3441, 0.3665**.

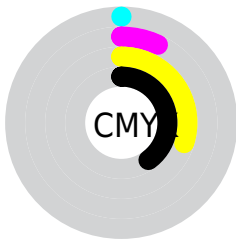
Distribution



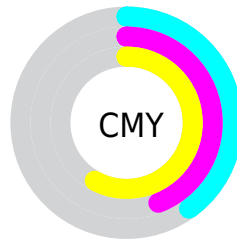
- Red (60%)
- Green (56%)
- Blue (42%)



- Red (47%)
- Yellow (60%)
- Blue (42%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1798, 0.3614, 0.3858 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 27.1798, 0.3614, 0.3858 by changing the saturation by 10% instead.

■ 27.1798, 0.3614,
0.3858

■ 27.1798, 0.3614,
0.3858

288.5266, 0.3351,
0.3549

■ 17.7083, 0.3686,
0.3943

■ 55.1723, 0.3514,
0.3740

■ 10.7408, 0.3781,
0.4058

■ 74.4620, 0.3478,
0.3697

■ 5.8928, 0.3914,
0.4219

■ 97.7933, 0.3448,
0.3662

■ 2.7800, 0.4106,
0.4457

■ 125.5505, 0.3422,
0.3632

■ 1.0180, 0.4764,
0.5236

158.1181, 0.3401,
0.3607

■ 0.0000, 0.0000,
0.0000

195.8803, 0.3382,

0.3585

239.2217, 0.3365,
0.3566

■ 27.1798, 0.3614,
0.3858

■ 27.1798, 0.3614,
0.3858

■ 25.8185, 0.3794,
0.4049

■ 28.6361, 0.3441,
0.3665

■ 24.5453, 0.3975,
0.4228

■ 30.1867, 0.3279,
0.3474

■ 23.3576, 0.4152,
0.4388

■ 31.8360, 0.3128,
0.3291

■ 22.2515, 0.4317,
0.4518

■ 33.5866, 0.2990,
0.3118

■ 21.2225, 0.4463,
0.4609

■ 35.4412, 0.2865,
0.2956

■ 20.2655, 0.4583,
0.4655

■ 37.4023, 0.2752,
0.2807

■ 19.3739, 0.4680,
0.4666

■ 39.4723, 0.2651,
0.2669

■ 41.6536, 0.2560,
0.2543

■ 43.9482, 0.2478,
0.2427

Harmonies

Analogous

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



27.1798, 0.3785, 0.3677



27.1798, 0.3614, 0.3858



27.1798, 0.3316, 0.3886

Triad

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



27.1798, 0.3614, 0.3858



27.1798, 0.2523, 0.3111



27.1798, 0.3253, 0.2903

Complementary

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



27.1798, 0.3614, 0.3858



18.3717, 0.2636, 0.2648

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.



27.1798, 0.2913, 0.2762



27.1798, 0.3614, 0.3858



27.1798, 0.2507, 0.2863

Square

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



27.1798, 0.3614, 0.3858



27.1798, 0.2691, 0.3434



27.1798, 0.2645, 0.2743



27.1798, 0.3573, 0.3136

Rectangle

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



27.1798, 0.3614, 0.3858



27.1798, 0.3089, 0.3801



27.1798, 0.2645, 0.2743



27.1798, 0.3137, 0.2844

Sweetspot

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



27.1810, 0.3614, 0.3858



54.3289, 0.3265, 0.3458



18.6027, 0.3613, 0.3099



11.9110, 0.3286, 0.3483



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.1810, 0.3614, 0.3858



47.0495, 0.3733, 0.3985



29.5439, 0.3443, 0.4051



6.9730, 0.3266, 0.3459



16.0688, 0.4676, 0.4669



0.2944, 0.4426, 0.4868

Inverse Universe

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



18.3717, 0.2636, 0.2648



28.7152, 0.2515, 0.2479



16.6974, 0.2742, 0.2469



6.2538, 0.2988, 0.3116



3.0143, 0.1583, 0.0899



0.0945, 0.1783, 0.1618

Previews

White Background



This preview shows how the Yxy color 27.1798, 0.3614, 0.3858 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 27.1798, 0.3614, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

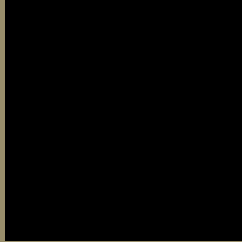
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1798, 0.3614, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 27.1798, 0.3614, 0.3858.



This preview shows how white text looks on a background with the Yxy color 27.1798, 0.3614, 0.3858.

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

27.1798, 0.3614, 0.3858

Protanopia

27.0829, 0.3602, 0.3860

Deuteranopia

27.1895, 0.3792, 0.3737



Tritanopia

27.2670, 0.3256, 0.3136

Trichromacy



Original Color

27.1798, 0.3614, 0.3858

Protanomaly

27.0829, 0.3602, 0.3860

Deuteranomaly

27.2293, 0.3723, 0.3777

Tritanomaly

27.1991, 0.3390, 0.3402

Monochromacy



Original Color

27.1798, 0.3614, 0.3858

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6545, 0.3293, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1798, 0.3614, 0.3858 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(153, 142, 107)` looks like.

```
.text, #text, p{  
    color:rgb(153, 142, 107)  
}
```

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(153, 142, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 142, 107) }
```

Border

The CSS property to change the border of an element to Yxy 27.1798, 0.3614, 0.3858 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(153, 142, 107) }
```

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

```
.border{ border-color:rgb(153, 142, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 142, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 142, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 142, 107);  
box-shadow:4px 4px 4px 4px rgb(153, 142,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1798, 0.3614, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 142, 107) }
```

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

```
.background{ background-color: rgb(153,  
142, 107) }
```

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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