

Converting Colors

$Y_{xy}(27.3598, 0.3641, 0.4080)$

Have a look what the booklet for
Yxy(27.3598, 0.3641, 0.4080)
contains.

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Color

Yxy(27.4098, 0.3644, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	949161
RGB	148, 145, 97
RGB Percent	58%, 57%, 38%
CMY	0.4197, 0.4313, 0.6196
CMYK	0.00, 0.02, 0.34, 0.42
HSL	57°, 21%, 48%
HSV	57°, 34%, 58%
XYZ	24.4927, 27.4098, 15.3113
YIQ	140.4250, 17.1960, -14.2920

Conversions

Conversions Part 2

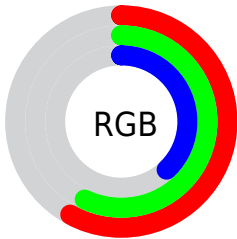
Format	Color
R_{YB}	100, 148, 97
Decimal	9736545
CIE _{Lab}	59.35, -6.61, 25.91
CIE _{LCh}	59, 26.744, 104.319
Yxy	27.4098, 0.3644, 0.4078
Android (android.graphics.Color)	4287926625 (0xFF949161)
YUV	140.4250, -21.4085, 6.6433
Hunter-Lab	52.3544, -8.1133, 19.3084

Details

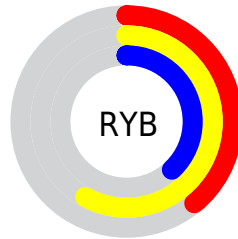
The Yxy color $27.4098, 0.3644, 0.4078$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.7887, 0.2535, 0.2357$, and the grayscale version is $26.4792, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6815, 0.3544, 0.3916$, and $10.9015, 0.3794, 0.4358$ is the 20% darker color. If you saturate the color by 10%, you get $26.8983, 0.3792, 0.4297$, and if you desaturate by 10%, it is $27.9773, 0.3491, 0.3849$.

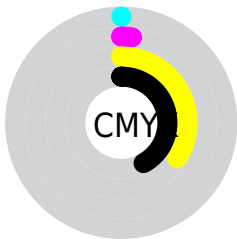
Distribution



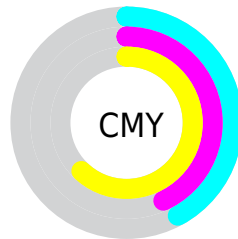
- Red (58%)
- Green (57%)
- Blue (38%)



- Red (39%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (2%)
- Yellow (34%)
- Black (42%)





- Cyan (42%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.4098, 0.3644, 0.4078 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 27.4098, 0.3644, 0.4078 by changing the saturation by 10% instead.


 27.4098, 0.3644,
0.4078


 27.4098, 0.3644,
0.4078


289.6359, 0.3370,
0.3647


 17.8812, 0.3715,
0.4198


 55.5408, 0.3542,
0.3912


 10.8648, 0.3807,
0.4358


 74.9120, 0.3504,
0.3853

 5.9760, 0.3927,
0.4582

 98.3328, 0.3473,
0.3803

 2.8305, 0.4127,
0.4960

 126.1877, 0.3446,
0.3762

 1.0439, 0.4407,
0.5593

158.8611, 0.3423,
0.3727

 0.0000, 0.0000,
0.0000

196.7373, 0.3403,

0.3696

240.2008, 0.3386,
0.3670

■ 27.4098, 0.3644,
0.4078

■ 27.4098, 0.3644,
0.4078

■ 26.8983, 0.3792,
0.4297

■ 27.9773, 0.3491,
0.3849

■ 26.4361, 0.3929,
0.4496

■ 28.5997, 0.3339,
0.3617

■ 26.0214, 0.4050,
0.4667


■ 29.2807, 0.3191,
0.3389

■ 25.6506, 0.4149,
0.4802

■ 30.0227, 0.3050,
0.3169

■ 25.3198, 0.4224,
0.4896


■ 30.8277, 0.2917,
0.2962


 25.0238, 0.4274,
0.4949

 31.6980, 0.2794,
0.2769

 24.8664, 0.4297,
0.4971

 32.6354, 0.2682,
0.2591

 33.6419, 0.2579,
0.2428

 34.7193, 0.2487,
0.2280

Harmonies

Analogous

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



27.4098, 0.3941, 0.3881



27.4098, 0.3644, 0.4078



27.4098, 0.3220, 0.4047

Triad

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



27.4098, 0.3644, 0.4078



27.4098, 0.2315, 0.2923



27.4098, 0.3438, 0.2877

Complementary

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



27.4098, 0.3644, 0.4078



13.7887, 0.2535, 0.2357

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.



27.4098, 0.2983, 0.2654



27.4098, 0.3644, 0.4078



27.4098, 0.2362, 0.2659

Square

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



27.4098, 0.3644, 0.4078



27.4098, 0.2465, 0.3328



27.4098, 0.2597, 0.2572



27.4098, 0.3826, 0.3197

Rectangle

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



27.4098, 0.3644, 0.4078



27.4098, 0.2927, 0.3881



27.4098, 0.2597, 0.2572



27.4098, 0.3286, 0.2789

Sweetspot

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



27.4110, 0.3644, 0.4078



50.9789, 0.3276, 0.3519



15.7730, 0.3854, 0.3233



11.6028, 0.3295, 0.3548



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.4110, 0.3644, 0.4078



47.7072, 0.3754, 0.4241



26.4623, 0.3381, 0.4194



6.6875, 0.3261, 0.3496



21.2618, 0.4296, 0.4971



0.2744, 0.4240, 0.5015

Inverse Universe

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



13.7887, 0.2535, 0.2357



20.0877, 0.2386, 0.2118



14.6174, 0.2791, 0.2366



5.6839, 0.2989, 0.3075



2.0001, 0.1514, 0.0651



0.0352, 0.1582, 0.0894

Previews

White Background



This preview shows how the Yxy color 27.4098, 0.3644, 0.4078 looks on a white background.

Color Contrast Check

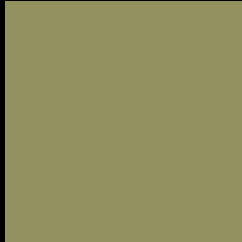
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4098, 0.3644, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

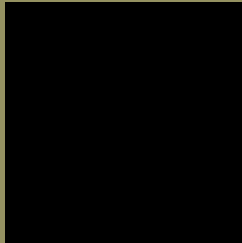
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4098, 0.3644, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 27.4098, 0.3644, 0.4078.



This preview shows how white text looks on a background with the Yxy color 27.4098, 0.3644, 0.4078.

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

27.4098, 0.3644, 0.4078

Protanopia

27.4580, 0.3746, 0.4042

Deuteranopia

27.3382, 0.3927, 0.3865



Tritanopia

27.2169, 0.3190, 0.3118

Trichromacy



Original Color

27.4098, 0.3644, 0.4078

Protanomaly

27.4664, 0.3706, 0.4066

Deuteranomaly

27.3194, 0.3825, 0.3946

Tritanomaly

27.3369, 0.3362, 0.3467

Monochromacy



Original Color

27.4098, 0.3644, 0.4078

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6409, 0.3321, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4098, 0.3644, 0.4078 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(148, 145, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 145, 97)  
}
```

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(148, 145, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 145, 97) }
```

Border

The CSS property to change the border of an element to Yxy 27.4098, 0.3644, 0.4078 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(148, 145, 97) }
```

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

```
.border{ border-color:rgb(148, 145, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 145, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 145, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 145, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 145,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4098, 0.3644, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 145, 97) }
```

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

```
.background{ background-color: rgb(148,  
145, 97) }
```

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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