

Converting Colors

$Y_{xy}(27.5898, 0.3416, 0.3983)$

Have a look what the booklet for
Yxy(27.5898, 0.3416, 0.3983)
contains.

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Color

Yxy(27.6446, 0.3420, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	8A946B
RGB	138, 148, 107
RGB Percent	54%, 58%, 42%
CMY	0.4588, 0.4196, 0.5803
CMYK	0.07, 0.00, 0.28, 0.42
HSL	75°, 16%, 50%
HSV	75°, 28%, 58%
XYZ	23.7251, 27.6446, 18.0019
YIQ	140.3360, 7.2010, -14.8710

Conversions

Conversions Part 2

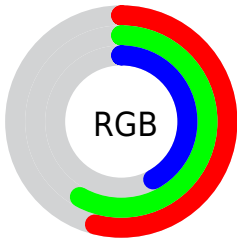
Format	Color
R_{YB}	107, 148, 117
Decimal	9081963
CIE _{Lab}	59.57, -10.90, 20.52
CIE _{LCh}	60, 23.232, 117.977
Yxy	27.6446, 0.3420, 0.3985
Android (android.graphics.Color)	4287272043 (0xFF8A946B)
YUV	140.3360, -16.4346, -2.0487
Hunter-Lab	52.5781, -11.4663, 16.5047

Details

The Yxy color $27.6446, 0.3420, 0.3985$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.4433, 0.2777, 0.2544$, and the grayscale version is $26.4270, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.9507, 0.3362, 0.3830$, and $10.9399, 0.3523, 0.4240$ is the 20% darker color. If you saturate the color by 10%, you get $27.0571, 0.3520, 0.4248$, and if you desaturate by 10%, it is $28.2981, 0.3315, 0.3725$.

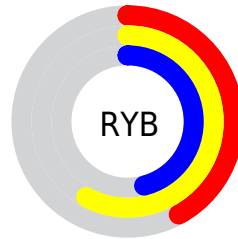
Distribution



Red (54%)

Green (58%)

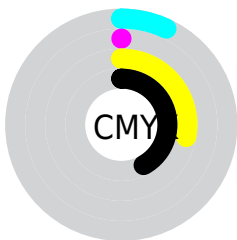
Blue (42%)



Red (42%)

Yellow (58%)

Blue (46%)

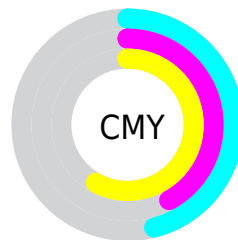


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (46%)


Magenta (42%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6446, 0.3420, 0.3985 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 27.6446, 0.3420, 0.3985 by changing the saturation by 10% instead.


 27.6446, 0.3420,
0.3985


 27.6446, 0.3420,
0.3985


290.7648, 0.3267,
0.3600

 18.0579, 0.3459,
0.4095


 55.9165, 0.3363,
0.3835

 10.9916, 0.3510,
0.4246


 75.3706, 0.3342,
0.3782

 6.0612, 0.3575,
0.4464

 98.8825, 0.3325,
0.3738

 2.8823, 0.3658,
0.4802

 126.8368, 0.3310,
0.3701

 1.0706, 0.4089,
0.5911

159.6177, 0.3297,
0.3670

 0.0000, 0.0000,
0.0000

197.6098, 0.3285,

0.3643

241.1973, 0.3276,
0.3620

■ 27.6446, 0.3420,
0.3985

■ 27.6446, 0.3420,
0.3985

■ 27.0571, 0.3520,
0.4248

■ 28.2981, 0.3315,
0.3725

■ 26.5292, 0.3611,
0.4504

■ 29.0166, 0.3208,
0.3474

■ 26.0590, 0.3687,
0.4745

■ 29.8038, 0.3103,
0.3236

■ 25.6432, 0.3745,
0.4959

■ 30.6620, 0.3002,
0.3015

■ 25.2780, 0.3779,
0.5136

■ 31.5934, 0.2907,
0.2812

■ 24.9590, 0.3789,
0.5270

■ 32.6001, 0.2817,
0.2626

■ 24.6784, 0.3778,
0.5365

■ 33.6840, 0.2734,
0.2458

■ 24.6159, 0.3774,
0.5385

■ 34.8472, 0.2657,
0.2305

■ 36.0915, 0.2586,
0.2168

Harmonies

Analogous

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



27.6446, 0.3738, 0.3903



27.6446, 0.3420, 0.3985



27.6446, 0.3036, 0.3851

Triad

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



27.6446, 0.3420, 0.3985



27.6446, 0.2414, 0.2851



27.6446, 0.3565, 0.3051

Complementary

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



27.6446, 0.3420, 0.3985



16.4433, 0.2777, 0.2544

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.



27.6446, 0.3183, 0.2808



27.6446, 0.3420, 0.3985



27.6446, 0.2533, 0.2685

Square

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



27.6446, 0.3420, 0.3985



27.6446, 0.2469, 0.3157



27.6446, 0.2807, 0.2676



27.6446, 0.3832, 0.3356

Rectangle

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



27.6446, 0.3420, 0.3985



27.6446, 0.2795, 0.3654



27.6446, 0.2807, 0.2676



27.6446, 0.3444, 0.2960

Sweetspot

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



27.6458, 0.3420, 0.3985



51.1329, 0.3213, 0.3485



19.9848, 0.3663, 0.3456



11.6304, 0.3228, 0.3520



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.



27.6458, 0.3420, 0.3985



48.1435, 0.3481, 0.4142



26.0914, 0.3203, 0.4035



6.6741, 0.3224, 0.3511



21.0377, 0.3777, 0.5383



0.2712, 0.3986, 0.5217

Inverse Universe

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



16.4433, 0.2777, 0.2544



25.1362, 0.2685, 0.2360



17.9837, 0.3021, 0.2595



5.6973, 0.3025, 0.3064



2.1603, 0.1658, 0.0687



0.0384, 0.2067, 0.0912

Previews

White Background



This preview shows how the Yxy color 27.6446, 0.3420, 0.3985 looks on a white background.

Color Contrast Check

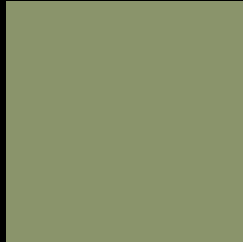
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6446, 0.3420, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

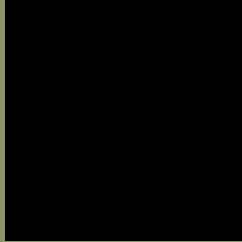
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

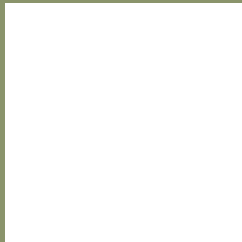
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.6446, 0.3420, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 27.6446, 0.3420, 0.3985.



This preview shows how white text looks on a background with the Yxy color 27.6446, 0.3420, 0.3985.

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

27.6446, 0.3420, 0.3985

Protanopia

27.5349, 0.3642, 0.3902

Deuteranopia

27.3203, 0.3792, 0.3720



Tritanopia

27.5752, 0.3041, 0.3114

Trichromacy



Original Color

27.6446, 0.3420, 0.3985

Protanomaly

27.5873, 0.3554, 0.3931

Deuteranomaly

27.3006, 0.3655, 0.3817

Tritanomaly

27.4749, 0.3185, 0.3422

Monochromacy



Original Color

27.6446, 0.3420, 0.3985

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6924, 0.3234, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6446, 0.3420, 0.3985 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(138, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 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(138, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 107) }
```

Border

The CSS property to change the border of an element to Yxy 27.6446, 0.3420, 0.3985 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(138, 148, 107) }
```

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

```
.border{ border-color:rgb(138, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6446, 0.3420, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 107) }
```

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

```
.background{ background-color: rgb(138,  
148, 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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