

Converting Colors

$Y_{xy}(27.0754, 0.3476, 0.3686)$

Have a look what the booklet for
Yxy(27.0754, 0.3476, 0.3686)
contains.

Yxy(27.2097, 0.3485, 0.3698)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.2097, 0.3485, 0.3698)

Conversions

Conversions Part 1

Format	Color
Hex	978E75
RGB	151, 142, 117
RGB Percent	59%, 56%, 46%
CMY	0.4079, 0.4431, 0.5412
CMYK	0.00, 0.06, 0.23, 0.41
HSL	44°, 14%, 53%
HSV	44°, 23%, 59%
XYZ	25.6425, 27.2097, 20.7273
YIQ	141.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

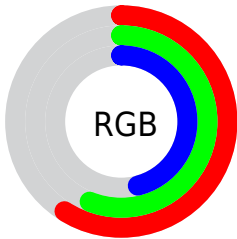
Format	Color
R_YB	129, 151, 117
Decimal	9932405
CIE Lab	59.17, -0.92, 14.55
CIE LCh	59, 14.578, 93.616
Yxy	27.2097, 0.3485, 0.3698
Android (android.graphics.Color)	4288122485 (0xFF978E75)
YUV	141.8410, -12.2466, 8.0324
Hunter-Lab	52.1629, -3.5374, 12.9547

Details

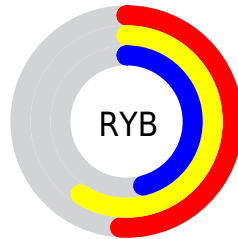
The Yxy color $27.2097, 0.3485, 0.3698$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $20.9249, 0.2771, 0.2846$, and the grayscale version is $27.0287, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4662, 0.3415, 0.3618$, and $10.7933, 0.3611, 0.3837$ is the 20% darker color. If you saturate the color by 10%, you get $25.7201, 0.3663, 0.3886$, and if you desaturate by 10%, it is $28.8013, 0.3318, 0.3513$.

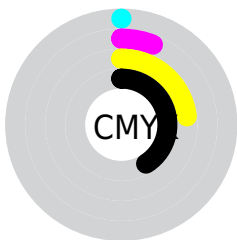
Distribution



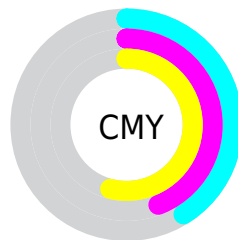
- Red (59%)
- Green (56%)
- Blue (46%)



- Red (51%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (41%)




- Cyan (41%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2097, 0.3485, 0.3698 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 27.2097, 0.3485, 0.3698 by changing the saturation by 10% instead.


 27.2097, 0.3485,
0.3698


 27.2097, 0.3485,
0.3698


288.6710, 0.3291,
0.3476


 17.7308, 0.3539,
0.3760


 55.2202, 0.3410,
0.3612

 10.7569, 0.3612,
0.3844


 74.5205, 0.3384,
0.3582

 5.9036, 0.3715,
0.3964

 97.8635, 0.3362,
0.3556

 2.7865, 0.3870,
0.4147

125.6334, 0.3343,
0.3535

 1.0213, 0.4603,
0.4969

158.2148, 0.3327,
0.3517

 0.0000, 0.0000,
0.0000

195.9919, 0.3313,

0.3501

239.3492, 0.3301,
0.3488

■ 27.2097, 0.3485,
0.3698

■ 27.2097, 0.3485,
0.3698

■ 25.7201, 0.3663,
0.3886

■ 28.8013, 0.3318,
0.3513

■ 24.3257, 0.3847,
0.4069

■ 30.4944, 0.3164,
0.3334

■ 23.0244, 0.4035,
0.4240

■ 32.2928, 0.3023,
0.3164

■ 21.8123, 0.4217,
0.4389

■ 34.1994, 0.2895,
0.3005

■ 20.6855, 0.4388,
0.4507

■ 36.2166, 0.2780,
0.2858

■ 19.6394, 0.4537,
0.4583

■ 38.3469, 0.2677,
0.2722

■ 18.6686, 0.4660,
0.4614

■ 40.5928, 0.2584,
0.2598

■ 17.9807, 0.4741,
0.4618

■ 42.9565, 0.2502,
0.2484

■ 45.4401, 0.2428,
0.2380

Harmonies

Analogous

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



27.2097, 0.3602, 0.3571



27.2097, 0.3485, 0.3698



27.2097, 0.3274, 0.3715

Triad

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



27.2097, 0.3485, 0.3698



27.2097, 0.2688, 0.3172



27.2097, 0.3213, 0.3003

Complementary

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



27.2097, 0.3485, 0.3698



20.9249, 0.2771, 0.2846

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.



27.2097, 0.2968, 0.2901



27.2097, 0.3485, 0.3698



27.2097, 0.2673, 0.2988

Square

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



27.2097, 0.3485, 0.3698



27.2097, 0.2816, 0.3401



27.2097, 0.2773, 0.2893



27.2097, 0.3442, 0.3174

Rectangle

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



27.2097, 0.3485, 0.3698



27.2097, 0.3110, 0.3655



27.2097, 0.2773, 0.2893



27.2097, 0.3130, 0.2959

Sweetspot

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



27.2109, 0.3485, 0.3698



53.2038, 0.3234, 0.3415



20.8054, 0.3454, 0.3140



12.0565, 0.3242, 0.3425



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.



27.2109, 0.3485, 0.3698



47.3834, 0.3573, 0.3793



29.2530, 0.3370, 0.3850



6.9471, 0.3266, 0.3453



15.3502, 0.4737, 0.4621



0.2875, 0.4454, 0.4846

Inverse Universe

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



20.9249, 0.2771, 0.2846



34.0923, 0.2683, 0.2731



19.3084, 0.2847, 0.2696



6.2781, 0.2988, 0.3122



3.2231, 0.1598, 0.0951



0.1014, 0.1807, 0.1704

Previews

White Background



This preview shows how the Yxy color 27.2097, 0.3485, 0.3698 looks on a white background.

Color Contrast Check

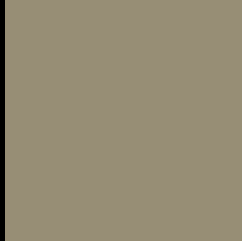
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2097, 0.3485, 0.3698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

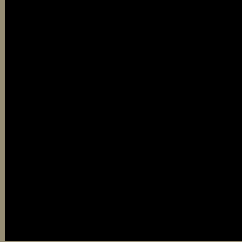
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2097, 0.3485, 0.3698

Background



This preview shows how black text looks on a background with the Yxy color 27.2097, 0.3485, 0.3698.



This preview shows how white text looks on a background with the Yxy color 27.2097, 0.3485, 0.3698.

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

27.2097, 0.3485, 0.3698

Protanopia

27.2097, 0.3485, 0.3698

Deuteranopia

27.1987, 0.3656, 0.3585



Tritanopia

27.2836, 0.3211, 0.3134

Trichromacy



Original Color

27.2097, 0.3485, 0.3698

Protanomaly

27.2097, 0.3485, 0.3698

Deuteranomaly

27.2468, 0.3589, 0.3622

Tritanomaly

27.1414, 0.3314, 0.3322

Monochromacy



Original Color

27.2097, 0.3485, 0.3698

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0592, 0.3250, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2097, 0.3485, 0.3698 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(151, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 117)  
}
```

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(151, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 117) }
```

Border

The CSS property to change the border of an element to Yxy 27.2097, 0.3485, 0.3698 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(151, 142, 117) }
```

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

```
.border{ border-color:rgb(151, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2097, 0.3485, 0.3698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 117) }
```

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

```
.background{ background-color: rgb(151,  
142, 117) }
```

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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