

Converting Colors

$Y_{xy}(27.3243, 0.3448, 0.3453)$

Have a look what the booklet for
Yxy(27.3243, 0.3448, 0.3453)
contains.

Yxy(27.3193, 0.3446, 0.3449) 3

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Color

Yxy(27.3193, 0.3446, 0.3449)

Conversions

Conversions Part 1	
Format	Color
Hex	9E8B81
RGB	158, 139, 129
RGB Percent	62%, 55%, 51%
CMY	0.3804, 0.4549, 0.4942
CMYK	0.00, 0.12, 0.18, 0.38
HSL	21°, 13%, 56%
HSV	21°, 18%, 62%
XYZ	27.2955, 27.3193, 24.5945
YIQ	143.5410, 14.5340, 0.9180

Conversions

Conversions Part 2

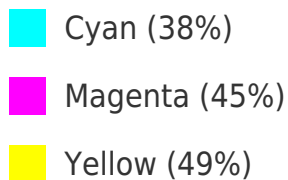
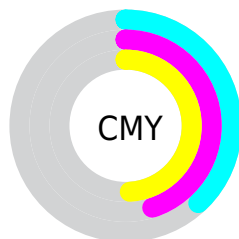
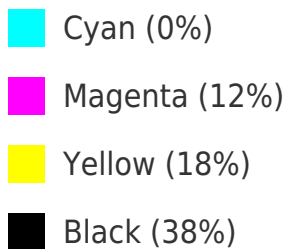
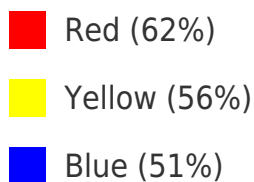
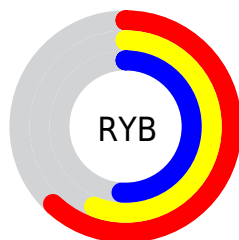
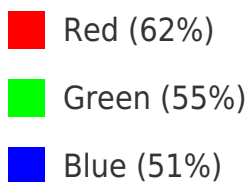
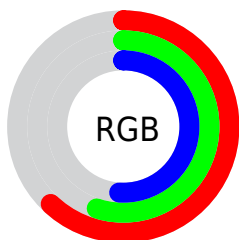
Format	Color
RYB	158, 144, 129
Decimal	10390401
CIELab	59.27, 5.44, 7.97
CIELCh	59, 9.653, 55.665
Yxy	27.3193, 0.3446, 0.3449
Android (android.graphics.Color)	4288580481 (0xFF9E8B81)
YUV	143.5410, -7.1687, 12.6805
Hunter-Lab	52.2679, 1.7482, 8.6888

Details

The Yxy color $27.3193, 0.3446, 0.3449$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.3082, 0.2850, 0.3125$, and the grayscale version is $27.7211, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2228, 0.3379, 0.3409$, and $10.7881, 0.3554, 0.3497$ is the 20% darker color. If you saturate the color by 10%, you get $24.0772, 0.3662, 0.3542$, and if you desaturate by 10%, it is $30.9123, 0.3261, 0.3360$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3193, 0.3446, 0.3449 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 27.3193, 0.3446, 0.3449 by changing the saturation by 10% instead.


 27.3193, 0.3446,
0.3449


 27.3193, 0.3446,
0.3449


289.1998, 0.3272,
0.3364


 17.8132, 0.3495,
0.3472


 55.3958, 0.3379,
0.3417

 10.8159, 0.3563,
0.3503


 74.7350, 0.3354,
0.3405

 5.9432, 0.3660,
0.3546


 98.1206, 0.3335,
0.3396

 2.8106, 0.3813,
0.3609

125.9372, 0.3318,
0.3387

 1.0337, 0.4165,
0.3785

158.5689, 0.3304,
0.3380

 0.0000, 1.0000,
0.0000


196.4004, 0.3292,


 0.0000, 0.0000,

0.3374


0.0000


239.8159, 0.3281,
0.3369


 27.3193, 0.3446,
0.3449


 27.3193, 0.3446,
0.3449


 24.0772, 0.3662,
0.3542

 30.9123, 0.3261,
0.3360


 21.1715, 0.3913,
0.3635

 34.8628, 0.3103,
0.3277


 18.5920, 0.4199,
0.3723


 39.1819, 0.2969,
0.3200


 16.3267, 0.4516,
0.3798


 43.8790, 0.2855,
0.3129

 14.3627, 0.4854,
0.3850


 48.9633, 0.2757,
0.3064


 12.6861, 0.5195,
0.3867


 54.4436, 0.2673,
0.3005

 11.2816, 0.5511,
0.3838

 60.3283, 0.2600,
0.2951

 10.1287, 0.5782,
0.3768

 66.6011, 0.2540,
0.2906

 9.9620, 0.5825,
0.3757

 72.2572, 0.2558,
0.3028

Harmonies

Analogous

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



27.3193, 0.3412, 0.3316



27.3193, 0.3446, 0.3449



27.3193, 0.3392, 0.3545

Triad

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



27.3193, 0.3446, 0.3449



27.3193, 0.2955, 0.3403



27.3193, 0.2983, 0.3021

Complementary

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



27.3193, 0.3446, 0.3449



28.3082, 0.2850, 0.3125

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.



27.3193, 0.2866, 0.3036



27.3193, 0.3446, 0.3449



27.3193, 0.2850, 0.3254

Square

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



27.3193, 0.3446, 0.3449



27.3193, 0.3107, 0.3522



27.3193, 0.2818, 0.3120



27.3193, 0.3142, 0.3073

Rectangle

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



27.3193, 0.3446, 0.3449



27.3193, 0.3315, 0.3573



27.3193, 0.2818, 0.3120



27.3193, 0.2938, 0.3018

Sweetspot

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



27.3205, 0.3446, 0.3449



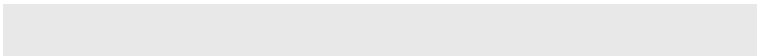
57.6911, 0.3223, 0.3341



25.1127, 0.3253, 0.2990



12.9117, 0.3233, 0.3346



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.3205, 0.3446, 0.3449



47.1444, 0.3530, 0.3486



31.6926, 0.3408, 0.3664



7.0021, 0.3276, 0.3368



8.0453, 0.5810, 0.3768



0.2188, 0.5117, 0.4319

Inverse Universe

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



28.3082, 0.2850, 0.3125



49.2701, 0.2788, 0.3085



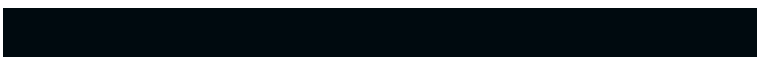
24.1331, 0.2837, 0.2886



7.1234, 0.2988, 0.3211



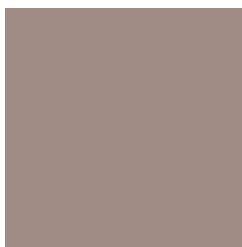
9.8903, 0.1929, 0.2144



0.2528, 0.2071, 0.2657

Previews

White Background



This preview shows how the Yxy color 27.3193, 0.3446, 0.3449 looks on a white background.

Color Contrast Check

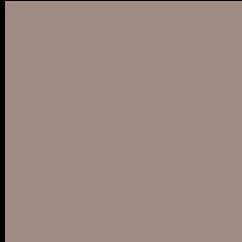
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3193, 0.3446, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

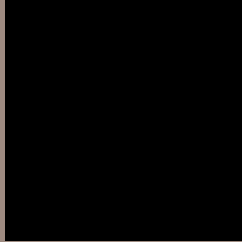
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

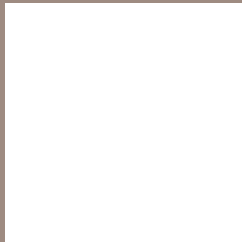
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3193, 0.3446, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 27.3193, 0.3446, 0.3449.



This preview shows how white text looks on a background with the Yxy color 27.3193, 0.3446, 0.3449.

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

27.3193, 0.3446, 0.3449

Protanopia

27.2806, 0.3304, 0.3469

Deuteranopia

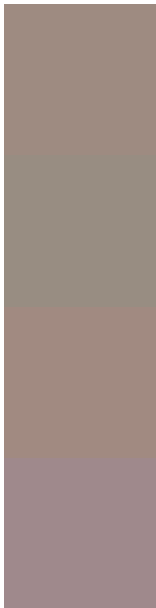
27.4433, 0.3494, 0.3431



Tritanopia

27.1885, 0.3280, 0.3121

Trichromacy



Original Color
27.3193, 0.3446, 0.3449

Protanomaly
27.3369, 0.3362, 0.3467

Deuteranomaly
27.3390, 0.3483, 0.3431

Tritanomaly
27.1557, 0.3342, 0.3244

Monochromacy



Original Color
27.3193, 0.3446, 0.3449

Achromatopsia
27.8894, 0.3127, 0.3290

Achromatomaly
27.5996, 0.3233, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3193, 0.3446, 0.3449 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(158, 139, 129) looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 129)  
}
```

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(158, 139, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 129) }
```

Border

The CSS property to change the border of an element to Yxy 27.3193, 0.3446, 0.3449 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(158, 139, 129) }
```

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

```
.border{ border-color:rgb(158, 139, 129) }
```

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

Here you see how a box with a 4 pixel rgb(158, 139, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 129);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
129) }
```

Background

The CSS property to change the background color of an element to Yxy 27.3193, 0.3446, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 129) }
```

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

```
.background{ background-color: rgb(158,  
139, 129) }
```

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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