

Converting Colors

$Y_{xy}(27.3568, 0.3672, 0.3969)$

Have a look what the booklet for
Yxy(27.3568, 0.3672, 0.3969)
contains.

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Color

Yxy(27.3568, 0.3672, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	998F65
RGB	153, 143, 101
RGB Percent	60%, 56%, 40%
CMY	0.4000, 0.4392, 0.6039
CMYK	0.00, 0.07, 0.34, 0.40
HSL	48°, 20%, 50%
HSV	48°, 34%, 60%
XYZ	25.3097, 27.3568, 16.2597
YIQ	141.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

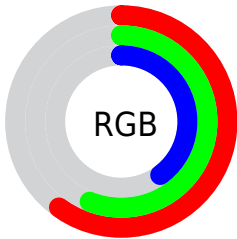
Format	Color
R_{YB}	113, 153, 101
Decimal	10063717
CIE _{Lab}	59.30, -2.91, 23.73
CIE _{LCh}	59, 23.902, 96.983
Yxy	27.3568, 0.3672, 0.3969
Android (android.graphics.Color)	4288253797 (0xFF998F65)
YUV	141.2020, -19.8196, 10.3468
Hunter-Lab	52.3037, -5.1557, 18.1811

Details

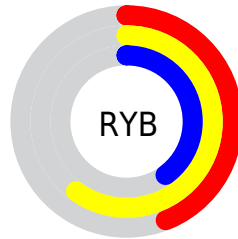
The Yxy color $27.3568, 0.3672, 0.3969$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.4393, 0.2559, 0.2503$, and the grayscale version is $26.7941, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.6094, 0.3562, 0.3836$, and $10.8617, 0.3845, 0.4198$ is the 20% darker color. If you saturate the color by 10%, you get $26.2129, 0.3844, 0.4165$, and if you desaturate by 10%, it is $28.5822, 0.3502, 0.3766$.

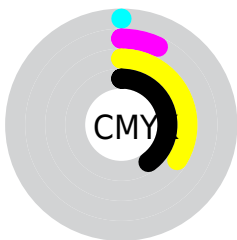
Distribution



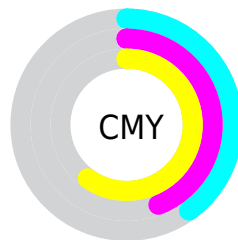
- Red (60%)
- Green (56%)
- Blue (40%)



- Red (44%)
- Yellow (60%)
- Blue (40%)



- Cyan (0%)
- Magenta (7%)
- Yellow (34%)
- Black (40%)




- Cyan (40%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3568, 0.3672, 0.3969 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 27.3568, 0.3672, 0.3969 by changing the saturation by 10% instead.

 27.3568, 0.3672,
0.3969


 27.3568, 0.3672,
0.3969


289.3806, 0.3380,
0.3600


 17.8414, 0.3750,
0.4070


 55.4559, 0.3562,
0.3828


 10.8362, 0.3853,
0.4206


 74.8083, 0.3521,
0.3777

 5.9568, 0.3992,
0.4393

 98.2086, 0.3488,
0.3735

 2.8188, 0.4203,
0.4686

 126.0410, 0.3460,
0.3699

 1.0379, 0.4671,
0.5329

158.6900, 0.3435,
0.3669

 0.0000, 0.0000,
0.0000

196.5400, 0.3414,

0.3643

239.9754, 0.3396,
0.3620

■ 27.3568, 0.3672,
0.3969

■ 27.3568, 0.3672,
0.3969

■ 26.2129, 0.3844,
0.4165

■ 28.5822, 0.3502,
0.3766

■ 25.1435, 0.4013,
0.4346

■ 29.8885, 0.3339,
0.3563

■ 24.1464, 0.4173,
0.4502

■ 31.2798, 0.3185,
0.3366

■ 23.2174, 0.4315,
0.4624

■ 32.7586, 0.3043,
0.3178

■ 22.3521, 0.4433,
0.4704

■ 34.3276, 0.2912,
0.3002

■ 21.5450, 0.4525,
0.4741

■ 35.9891, 0.2793,
0.2837

■ 21.0790, 0.4573,
0.4751

■ 37.7455, 0.2686,
0.2686

■ 39.5990, 0.2589,
0.2547

■ 41.5516, 0.2502,
0.2420

Harmonies

Analogous

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



27.3568, 0.3893, 0.3761



27.3568, 0.3672, 0.3969



27.3568, 0.3312, 0.3992

Triad

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



27.3568, 0.3672, 0.3969



27.3568, 0.2413, 0.3045



27.3568, 0.3308, 0.2858

Complementary

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



27.3568, 0.3672, 0.3969



16.4393, 0.2559, 0.2503

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.



27.3568, 0.2905, 0.2684



27.3568, 0.3672, 0.3969



27.3568, 0.2411, 0.2768

Square

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



27.3568, 0.3672, 0.3969



27.3568, 0.2592, 0.3424



27.3568, 0.2584, 0.2647



27.3568, 0.3680, 0.3133

Rectangle

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



27.3568, 0.3672, 0.3969



27.3568, 0.3045, 0.3879



27.3568, 0.2584, 0.2647



27.3568, 0.3171, 0.2787

Sweetspot

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



27.3580, 0.3672, 0.3969



54.4461, 0.3280, 0.3488



17.2385, 0.3739, 0.3116



11.9524, 0.3300, 0.3513



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.



27.3580, 0.3672, 0.3969



47.3731, 0.3807, 0.4124



29.0779, 0.3453, 0.4162



7.0208, 0.3265, 0.3469



17.4653, 0.4570, 0.4753



0.3072, 0.4377, 0.4906

Inverse Universe

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



16.4393, 0.2559, 0.2503



24.7125, 0.2411, 0.2285



15.3636, 0.2712, 0.2355



6.2093, 0.2988, 0.3105



2.6843, 0.1560, 0.0814



0.0817, 0.1737, 0.1453

Previews

White Background



This preview shows how the Yxy color 27.3568, 0.3672, 0.3969 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 27.3568, 0.3672, 0.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

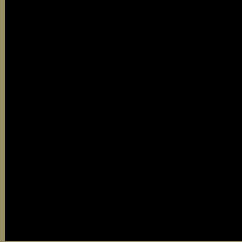
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3568, 0.3672, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 27.3568, 0.3672, 0.3969.



This preview shows how white text looks on a background with the Yxy color 27.3568, 0.3672, 0.3969.

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

27.3568, 0.3672, 0.3969

Protanopia

27.4545, 0.3684, 0.3966

Deuteranopia

27.3967, 0.3894, 0.3821



Tritanopia

27.2985, 0.3245, 0.3121

Trichromacy



Original Color

27.3568, 0.3672, 0.3969

Protanomaly

27.4545, 0.3684, 0.3966

Deuteranomaly

27.3171, 0.3812, 0.3865

Tritanomaly

27.1719, 0.3401, 0.3418

Monochromacy



Original Color

27.3568, 0.3672, 0.3969

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.8721, 0.3323, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3568, 0.3672, 0.3969 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, 143, 101)` looks like.

```
.text, #text, p{  
    color:rgb(153, 143, 101)  
}
```

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, 143, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 143, 101) }
```

Border

The CSS property to change the border of an element to Yxy 27.3568, 0.3672, 0.3969 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, 143, 101) }
```

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

```
.border{ border-color:rgb(153, 143, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 143, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 143, 101); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 143, 101); box-shadow:4px 4px 4px 4px rgb(153, 143, 101) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3568, 0.3672, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 143, 101) }
```

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

```
.background{ background-color: rgb(153,  
143, 101) }
```

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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