

Converting Colors

$Y_{xy}(27.1301, 0.3501, 0.3663)$

Have a look what the booklet for
Yxy(27.1301, 0.3501, 0.3663)
contains.

Yxy(27.1301, 0.3501, 0.3663)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.1301, 0.3501, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	998D76
RGB	153, 141, 118
RGB Percent	60%, 55%, 46%
CMY	0.4000, 0.4470, 0.5373
CMYK	0.00, 0.08, 0.23, 0.40
HSL	39°, 15%, 53%
HSV	39°, 23%, 60%
XYZ	25.9302, 27.1301, 21.0049
YIQ	141.9660, 14.5350, -4.6090

Conversions

Conversions Part 2

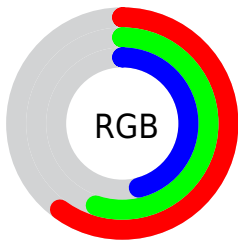
Format	Color
R_{YB}	136, 153, 118
Decimal	10063222
CIE _{Lab}	59.09, 0.60, 13.91
CIE _{LCh}	59, 13.924, 87.526
Yxy	27.1301, 0.3501, 0.3663
Android (android.graphics.Color)	4288253302 (0xFF998D76)
YUV	141.9660, -11.8152, 9.6768
Hunter-Lab	52.0866, -2.2889, 12.5508

Details

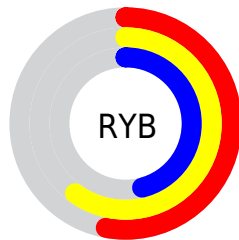
The Yxy color $27.1301, 0.3501, 0.3663$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.1086, 0.2768, 0.2887$, and the grayscale version is $27.0794, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3424, 0.3426, 0.3592$, and $10.7491, 0.3636, 0.3785$ is the 20% darker color. If you saturate the color by 10%, you get $25.2879, 0.3689, 0.3833$, and if you desaturate by 10%, it is $29.1068, 0.3327, 0.3496$.

Distribution



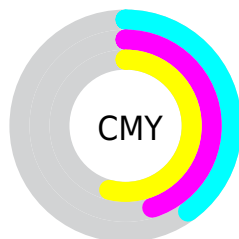
- Red (60%)
- Green (55%)
- Blue (46%)



- Red (53%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (40%)





- Cyan (40%)
- Magenta (45%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1301, 0.3501, 0.3663 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 27.1301, 0.3501, 0.3663 by changing the saturation by 10% instead.


 27.1301, 0.3501,
0.3663

 27.1301, 0.3501,
0.3663


288.2865, 0.3297,
0.3461


 17.6710, 0.3558,
0.3719


 55.0926, 0.3423,
0.3585

 10.7140, 0.3635,
0.3795


 74.3647, 0.3395,
0.3557

 5.8749, 0.3744,
0.3903

 97.6766, 0.3371,
0.3534

 2.7691, 0.3911,
0.4066

125.4126, 0.3352,
0.3515

 1.0124, 0.4627,
0.4788

157.9573, 0.3335,
0.3498

 0.0000, 0.0000,
0.0000

195.6948, 0.3321,

0.3484

239.0098, 0.3308,
0.3471

■ 27.1301, 0.3501,
0.3663

■ 27.1301, 0.3501,
0.3663

■ 25.2879, 0.3689,
0.3833

■ 29.1068, 0.3327,
0.3496

■ 23.5728, 0.3890,
0.3999

■ 31.2180, 0.3170,
0.3335

■ 21.9818, 0.4098,
0.4155

■ 33.4684, 0.3028,
0.3183

■ 20.5106, 0.4306,
0.4289

■ 35.8612, 0.2900,
0.3041

■ 19.1543, 0.4507,
0.4392

■ 38.3997, 0.2787,
0.2909

■ 17.9075, 0.4689,
0.4453

■ 41.0868, 0.2686,
0.2789

■ 16.7641, 0.4843,
0.4466

■ 43.9254, 0.2596,
0.2678

■ 16.0030, 0.4944,
0.4457

■ 46.9185, 0.2517,
0.2576

■ 50.0248, 0.2449,
0.2490

Harmonies

Analogous

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



27.1301, 0.3589, 0.3526



27.1301, 0.3501, 0.3663



27.1301, 0.3313, 0.3702

Triad

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



27.1301, 0.3501, 0.3663



27.1301, 0.2724, 0.3220



27.1301, 0.3161, 0.2988

Complementary

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



27.1301, 0.3501, 0.3663



22.1086, 0.2768, 0.2887

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.



27.1301, 0.2932, 0.2908



27.1301, 0.3501, 0.3663



27.1301, 0.2686, 0.3031

Square

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



27.1301, 0.3501, 0.3663



27.1301, 0.2866, 0.3440



27.1301, 0.2760, 0.2921



27.1301, 0.3388, 0.3142

Rectangle

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



27.1301, 0.3501, 0.3663



27.1301, 0.3159, 0.3661



27.1301, 0.2760, 0.2921



27.1301, 0.3081, 0.2952

Sweetspot

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



27.1313, 0.3501, 0.3663



54.2729, 0.3235, 0.3402



21.3436, 0.3425, 0.3090



11.9407, 0.3243, 0.3411



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.



27.1313, 0.3501, 0.3663



47.0282, 0.3587, 0.3742



30.3603, 0.3406, 0.3854



6.8665, 0.3268, 0.3436



13.2908, 0.4937, 0.4462



0.2657, 0.4548, 0.4770

Inverse Universe

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



22.1086, 0.2768, 0.2887



36.5594, 0.2689, 0.2792



19.4819, 0.2809, 0.2679



6.3549, 0.2988, 0.3140



4.0167, 0.1650, 0.1141



0.1232, 0.1875, 0.1951

Previews

White Background



This preview shows how the Yxy color 27.1301, 0.3501, 0.3663 looks on a white background.

Color Contrast Check

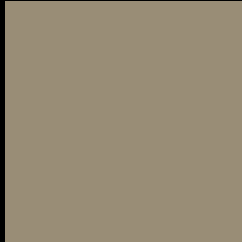
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1301, 0.3501, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

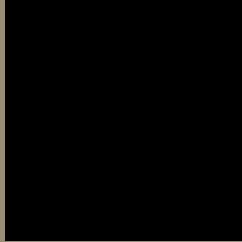
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.1301, 0.3501, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 27.1301, 0.3501, 0.3663.



This preview shows how white text looks on a background with the Yxy color 27.1301, 0.3501, 0.3663.

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

27.1301, 0.3501, 0.3663

Protanopia

27.1380, 0.3463, 0.3683

Deuteranopia

27.1157, 0.3633, 0.3571



Tritanopia

27.1975, 0.3234, 0.3120

Trichromacy



Original Color

27.1301, 0.3501, 0.3663

Protanomaly

27.2333, 0.3475, 0.3681

Deuteranomaly

26.9825, 0.3582, 0.3591

Tritanomaly

27.0510, 0.3339, 0.3306

Monochromacy



Original Color

27.1301, 0.3501, 0.3663

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.1504, 0.3261, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1301, 0.3501, 0.3663 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, 141, 118)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 118)  
}
```

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, 141, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 118) }
```

Border

The CSS property to change the border of an element to Yxy 27.1301, 0.3501, 0.3663 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, 141, 118) }
```

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

```
.border{ border-color:rgb(153, 141, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 141, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 118);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1301, 0.3501, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 118) }
```

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

```
.background{ background-color: rgb(153,  
141, 118) }
```

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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