

Converting Colors

$Y_{xy}(27.4305, 0.3519, 0.3594)$

Have a look what the booklet for
Yxy(27.4305, 0.3519, 0.3594)
contains.

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Color

Yxy(27.3047, 0.3518, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	9D8C79
RGB	157, 140, 121
RGB Percent	62%, 55%, 47%
CMY	0.3843, 0.4510, 0.5254
CMYK	0.00, 0.11, 0.23, 0.38
HSL	32°, 16%, 55%
HSV	32°, 23%, 62%
XYZ	26.7347, 27.3047, 21.9547
YIQ	142.9170, 16.2310, -2.3050

Conversions

Conversions Part 2

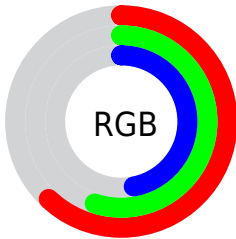
Format	Color
R_{YB}	153, 157, 121
Decimal	10325113
CIE _{Lab}	59.26, 3.23, 12.47
CIE _{LCh}	59, 12.883, 75.490
Yxy	27.3047, 0.3518, 0.3593
Android (android.graphics.Color)	4288515193 (0xFF9D8C79)
YUV	142.9170, -10.8051, 12.3508
Hunter-Lab	52.2539, -0.1181, 11.6668

Details

The Yxy color **27.3047, 0.3518, 0.3593** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6814, 0.2772, 0.2967**, and the grayscale version is **27.4734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.5978, 0.3438, 0.3541**, and **10.7835, 0.3662, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **24.8565, 0.3724, 0.3732**, and if you desaturate by 10%, it is **29.9641, 0.3334, 0.3457**.

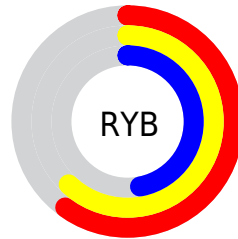
Distribution



Red (62%)

Green (55%)

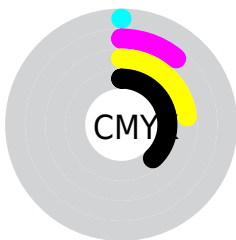
Blue (47%)



Red (60%)

Yellow (62%)

Blue (47%)

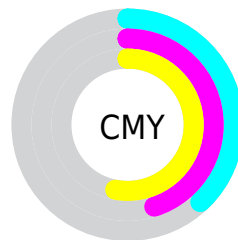


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (38%)



Cyan (38%)

Magenta (45%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.3047, 0.3518, 0.3593 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 27.3047, 0.3518, 0.3593 by changing the saturation by 10% instead.


 27.3047, 0.3518,
0.3593

 27.3047, 0.3518,
0.3593


289.1294, 0.3305,
0.3430


 17.8022, 0.3578,
0.3638


 55.3724, 0.3436,
0.3531

 10.8081, 0.3659,
0.3698


 74.7064, 0.3406,
0.3508

 5.9379, 0.3776,
0.3782

 98.0864, 0.3382,
0.3490

 2.8074, 0.3956,
0.3908

125.8967, 0.3362,
0.3474

 1.0320, 0.4563,
0.4398

158.5218, 0.3344,
0.3461

 0.0000, 1.0000,
0.0000

196.3460, 0.3329,

 0.0000, 0.0000,

0.3449

0.0000

239.7537, 0.3316,
0.3439

■ 27.3047, 0.3518,
0.3593

■ 27.3047, 0.3518,
0.3593

■ 24.8565, 0.3724,
0.3732

■ 29.9641, 0.3334,
0.3457

■ 22.6101, 0.3951,
0.3869

■ 32.8367, 0.3171,
0.3327

■ 20.5603, 0.4196,
0.3997

■ 35.9291, 0.3028,
0.3204

■ 18.7006, 0.4453,
0.4105

■ 39.2463, 0.2902,
0.3091

■ 17.0238, 0.4710,
0.4181

■ 42.7933, 0.2792,
0.2986

■ 15.5220, 0.4953,
0.4216

■ 46.5750, 0.2696,
0.2890

■ 14.1865, 0.5168,
0.4199

■ 50.5959, 0.2611,
0.2802

■ 13.3300, 0.5309,
0.4166

■ 54.8604, 0.2537,
0.2722

■ 58.8928, 0.2507,
0.2724

Harmonies

Analogous

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



27.3047, 0.3552, 0.3442



27.3047, 0.3518, 0.3593



27.3047, 0.3377, 0.3669

Triad

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



27.3047, 0.3518, 0.3593



27.3047, 0.2797, 0.3308



27.3047, 0.3071, 0.2971

Complementary

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



27.3047, 0.3518, 0.3593



24.6814, 0.2772, 0.2967

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.



27.3047, 0.2874, 0.2930



27.3047, 0.3518, 0.3593



27.3047, 0.2720, 0.3115

Square

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



27.3047, 0.3518, 0.3593



27.3047, 0.2960, 0.3503



27.3047, 0.2748, 0.2979



27.3047, 0.3289, 0.3090

Rectangle

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



27.3047, 0.3518, 0.3593



27.3047, 0.3244, 0.3661



27.3047, 0.2748, 0.2979



27.3047, 0.3000, 0.2948

Sweetspot

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



27.3059, 0.3518, 0.3593



56.5910, 0.3237, 0.3381



22.6934, 0.3368, 0.3014



12.3927, 0.3246, 0.3387



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.3059, 0.3518, 0.3593



46.3915, 0.3631, 0.3671



32.6035, 0.3457, 0.3847



7.1963, 0.3272, 0.3408



10.9008, 0.5298, 0.4175



0.2793, 0.4766, 0.4598

Inverse Universe

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



24.6814, 0.2772, 0.2967



40.7704, 0.2682, 0.2876



20.2221, 0.2756, 0.2667



6.9261, 0.2988, 0.3169



6.0458, 0.1756, 0.1522



0.1922, 0.1961, 0.2260

Previews

White Background



This preview shows how the Yxy color 27.3047, 0.3518, 0.3593 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 27.3047, 0.3518, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

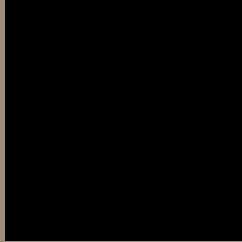
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.3047, 0.3518, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 27.3047, 0.3518, 0.3593.



This preview shows how white text looks on a background with the Yxy color 27.3047, 0.3518, 0.3593.

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

27.3047, 0.3518, 0.3593

Protanopia

27.2352, 0.3421, 0.3616

Deuteranopia

27.1890, 0.3599, 0.3524



Tritanopia

27.1885, 0.3280, 0.3121

Trichromacy



Original Color

27.3047, 0.3518, 0.3593

Protanomaly

27.2272, 0.3458, 0.3597

Deuteranomaly

27.1592, 0.3560, 0.3542

Tritanomaly

27.0972, 0.3364, 0.3275

Monochromacy



Original Color

27.3047, 0.3518, 0.3593

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3912, 0.3263, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3047, 0.3518, 0.3593 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(157, 140, 121)` looks like.

```
.text, #text, p{  
    color:rgb(157, 140, 121)  
}
```

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(157, 140, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 140, 121) }
```

Border

The CSS property to change the border of an element to Yxy 27.3047, 0.3518, 0.3593 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(157, 140, 121) }
```

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

```
.border{ border-color:rgb(157, 140, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 140, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 140, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 140, 121);  
box-shadow:4px 4px 4px 4px rgb(157, 140,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3047, 0.3518, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 140, 121) }
```

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

```
.background{ background-color: rgb(157,  
140, 121) }
```

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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