

Converting Colors

$Y_{xy}(27.3219, 0.3519, 0.3536)$

Have a look what the booklet for
Yxy(27.3219, 0.3519, 0.3536)
contains.

Yxy(27.2914, 0.3512, 0.3528)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.2914, 0.3512, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	9F8B7C
RGB	159, 139, 124
RGB Percent	62%, 55%, 49%
CMY	0.3765, 0.4549, 0.5138
CMYK	0.00, 0.13, 0.22, 0.38
HSL	26°, 15%, 55%
HSV	26°, 22%, 62%
XYZ	27.1676, 27.2914, 22.8975
YIQ	143.2700, 16.7350, -0.4250

Conversions

Conversions Part 2

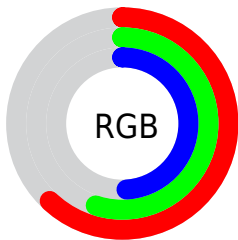
Format	Color
RYB	159, 150, 124
Decimal	10455932
CIELab	59.24, 5.04, 10.80
CIElCh	59, 11.914, 64.978
Yxy	27.2914, 0.3512, 0.3528
Android (android.graphics.Color)	4288646012 (0xFF9F8B7C)
YUV	143.2700, -9.5001, 13.7952
Hunter-Lab	52.2412, 1.4055, 10.5817

Details

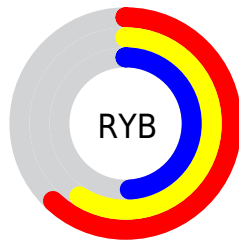
The Yxy color **27.2914, 0.3512, 0.3528** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7253, 0.2791, 0.3039**, and the grayscale version is **27.6155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1697, 0.3428, 0.3469**, and **10.7786, 0.3654, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **24.4015, 0.3729, 0.3643**, and if you desaturate by 10%, it is **30.4669, 0.3322, 0.3416**.

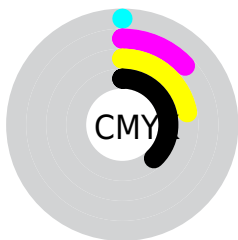
Distribution



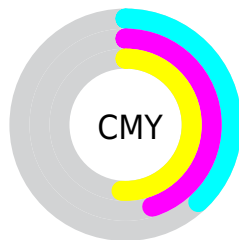
- Red (62%)
- Green (55%)
- Blue (49%)



- Red (62%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.2914, 0.3512, 0.3528 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 27.2914, 0.3512, 0.3528 by changing the saturation by 10% instead.


 27.2914, 0.3512,
0.3528


 27.2914, 0.3512,
0.3528


289.0653, 0.3301,
0.3401


 17.7922, 0.3571,
0.3563


 55.3511, 0.3431,
0.3480

 10.8009, 0.3652,
0.3609


 74.6804, 0.3402,
0.3462

 5.9331, 0.3769,
0.3673

 98.0552, 0.3378,
0.3448

 2.8045, 0.3950,
0.3768

125.8599, 0.3358,
0.3435

 1.0305, 0.4467,
0.4103

158.4788, 0.3340,
0.3425

 0.0000, 1.0000,
0.0000

196.2964, 0.3326,

 0.0000, 0.0000,

0.3416

0.0000

239.6971, 0.3313,
0.3408

■ 27.2914, 0.3512,
0.3528

■ 27.2914, 0.3512,
0.3528

■ 24.4015, 0.3729,
0.3643

■ 30.4669, 0.3322,
0.3416

■ 21.7853, 0.3975,
0.3756

■ 33.9324, 0.3158,
0.3311

■ 19.4349, 0.4248,
0.3862

■ 37.6966, 0.3016,
0.3212

■ 17.3412, 0.4542,
0.3949

■ 41.7670, 0.2893,
0.3120

■ 15.4940, 0.4845,
0.4008

■ 46.1507, 0.2787,
0.3037

■ 13.8824, 0.5140,
0.4025

■ 50.8544, 0.2695,
0.2960

■ 12.4943, 0.5404,
0.3992

■ 55.8847, 0.2616,
0.2890

■ 11.5322, 0.5595,
0.3939

■ 61.2482, 0.2546,
0.2826

■ 66.1482, 0.2543,
0.2894

Harmonies

Analogous

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



27.2914, 0.3504, 0.3373



27.2914, 0.3512, 0.3528



27.2914, 0.3413, 0.3626

Triad

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



27.2914, 0.3512, 0.3528



27.2914, 0.2866, 0.3373



27.2914, 0.3006, 0.2971

Complementary

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



27.2914, 0.3512, 0.3528



26.7253, 0.2791, 0.3039

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.



27.2914, 0.2843, 0.2963



27.2914, 0.3512, 0.3528



27.2914, 0.2764, 0.3188

Square

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



27.2914, 0.3512, 0.3528



27.2914, 0.3039, 0.3539



27.2914, 0.2756, 0.3039



27.2914, 0.3207, 0.3059

Rectangle

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



27.2914, 0.3512, 0.3528



27.2914, 0.3303, 0.3642



27.2914, 0.2756, 0.3039



27.2914, 0.2945, 0.2959

Sweetspot

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



27.2926, 0.3512, 0.3528



57.5338, 0.3239, 0.3364



23.8072, 0.3316, 0.2971



12.8952, 0.3248, 0.3370



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.



27.2926, 0.3512, 0.3528



46.5030, 0.3606, 0.3579



32.6300, 0.3459, 0.3783



7.0908, 0.3274, 0.3386



9.1884, 0.5580, 0.3951



0.2466, 0.4940, 0.4460

Inverse Universe

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



26.7253, 0.2791, 0.3039



45.3170, 0.2721, 0.2982



21.9392, 0.2770, 0.2744



7.0322, 0.2988, 0.3192



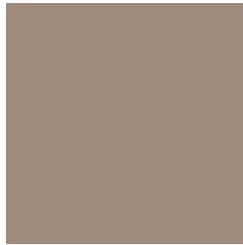
7.9407, 0.1848, 0.1852



0.2250, 0.2024, 0.2485

Previews

White Background



This preview shows how the Yxy color 27.2914, 0.3512, 0.3528 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 27.2914, 0.3512, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

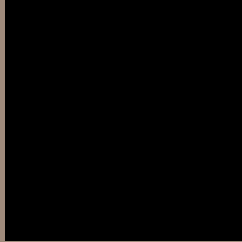
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2914, 0.3512, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 27.2914, 0.3512, 0.3528.



This preview shows how white text looks on a background with the Yxy color 27.2914, 0.3512, 0.3528.

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

27.2914, 0.3512, 0.3528

Protanopia

27.2419, 0.3368, 0.3551

Deuteranopia

27.1331, 0.3565, 0.3493



Tritanopia

27.3650, 0.3313, 0.3138

Trichromacy



Original Color

27.2914, 0.3512, 0.3528

Protanomaly

27.3027, 0.3426, 0.3548

Deuteranomaly

27.3136, 0.3550, 0.3510

Tritanomaly

27.3034, 0.3387, 0.3275

Monochromacy



Original Color

27.2914, 0.3512, 0.3528

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5131, 0.3264, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2914, 0.3512, 0.3528 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(159, 139, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 139, 124)  
}
```

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(159, 139, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 139, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.2914, 0.3512, 0.3528 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(159, 139, 124) }
```

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

```
.border{ border-color:rgb(159, 139, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 139, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 139, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 139, 124);  
box-shadow:4px 4px 4px 4px rgb(159, 139,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2914, 0.3512, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 139, 124) }
```

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

```
.background{ background-color: rgb(159,  
139, 124) }
```

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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