

Converting Colors

$Y_{xy}(29.8605, 0.3383, 0.3914)$

Have a look what the booklet for
Yxy(29.8605, 0.3383, 0.3914)
contains.

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Color

Yxy(29.8599, 0.3383, 0.3914)

Conversions

Conversions Part 1

Format	Color
Hex	8F9973
RGB	143, 153, 115
RGB Percent	56%, 60%, 45%
CMY	0.4393, 0.3999, 0.5490
CMYK	0.07, 0.00, 0.25, 0.40
HSL	76°, 16%, 53%
HSV	76°, 25%, 60%
XYZ	25.8089, 29.8599, 20.6212
YIQ	145.6780, 6.2380, -13.9380

Conversions

Conversions Part 2

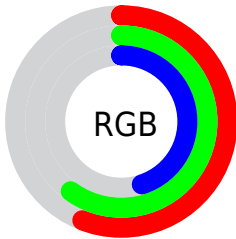
Format	Color
RYB	115, 153, 125
Decimal	9410931
CIELab	61.53, -10.42, 18.82
CIELCh	62, 21.514, 118.960
Yxy	29.8599, 0.3383, 0.3914
Android (android.graphics.Color)	4287601011 (0xFF8F9973)
YUV	145.6780, -15.1243, -2.3486
Hunter-Lab	54.6442, -11.3204, 15.8766

Details

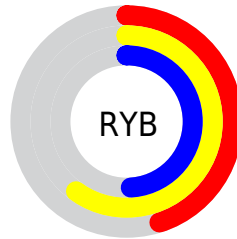
The Yxy color $29.8599, 0.3383, 0.3914$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.9239, 0.2826, 0.2629$, and the grayscale version is $28.6655, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.2860, 0.3335, 0.3780$, and $12.1833, 0.3452, 0.4132$ is the 20% darker color. If you saturate the color by 10%, you get $29.1834, 0.3482, 0.4179$, and if you desaturate by 10%, it is $30.6105, 0.3280, 0.3654$.

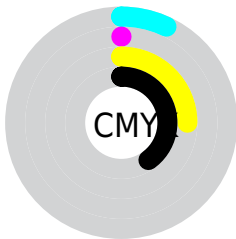
Distribution



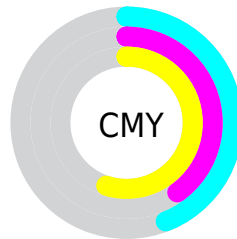
- Red (56%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (49%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8599, 0.3383, 0.3914 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 29.8599, 0.3383, 0.3914 by changing the saturation by 10% instead.


 29.8599, 0.3383,
0.3914


 29.8599, 0.3383,
0.3914


301.2509, 0.3250,
0.3572

 19.7323, 0.3417,
0.4010


 59.4405, 0.3334,
0.3782


 12.2006, 0.3461,
0.4141


 79.6624, 0.3316,
0.3735

 6.8804, 0.3518,
0.4328


 104.0177, 0.3301,
0.3696

 3.3874, 0.3593,
0.4615

 132.8909, 0.3287,
0.3663

 1.3372, 0.4060,
0.5627

166.6665, 0.3276,
0.3635

 0.1697, 0.0000,
1.0000

205.7287, 0.3267,

 0.0000, 0.0000,

0.3611

0.0000

250.4620, 0.3258,
0.3590

■ 29.8599, 0.3383,
0.3914

■ 29.8599, 0.3383,
0.3914

■ 29.1834, 0.3482,
0.4179

■ 30.6105, 0.3280,
0.3654

■ 28.5741, 0.3573,
0.4442

■ 31.4341, 0.3177,
0.3405

■ 28.0299, 0.3650,
0.4692

■ 32.3346, 0.3075,
0.3172

■ 27.5474, 0.3709,
0.4918

■ 33.3147, 0.2978,
0.2955

■ 27.1225, 0.3747,
0.5111

■ 34.3765, 0.2887,
0.2757

■ 26.7507, 0.3760,
0.5261

■ 35.5224, 0.2801,
0.2577

■ 26.4262, 0.3749,
0.5366

■ 36.7547, 0.2721,
0.2413

■ 26.2697, 0.3740,
0.5413

■ 38.0753, 0.2648,
0.2266

■ 39.4863, 0.2581,
0.2134

Harmonies

Analogous

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



29.8599, 0.3673, 0.3850



29.8599, 0.3383, 0.3914



29.8599, 0.3035, 0.3786

Triad

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



29.8599, 0.3383, 0.3914



29.8599, 0.2480, 0.2888



29.8599, 0.3532, 0.3082

Complementary

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



29.8599, 0.3383, 0.3914



18.9239, 0.2826, 0.2629

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.



29.8599, 0.3191, 0.2857



29.8599, 0.3383, 0.3914



29.8599, 0.2594, 0.2739

Square

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



29.8599, 0.3383, 0.3914



29.8599, 0.2526, 0.3162



29.8599, 0.2848, 0.2733



29.8599, 0.3767, 0.3363

Rectangle

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



29.8599, 0.3383, 0.3914



29.8599, 0.2818, 0.3607



29.8599, 0.2848, 0.2733



29.8599, 0.3425, 0.2999

Sweetspot

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



29.8612, 0.3383, 0.3914



55.9342, 0.3200, 0.3461



22.5523, 0.3595, 0.3449



12.3336, 0.3206, 0.3474



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.



29.8612, 0.3383, 0.3914



52.7552, 0.3441, 0.4066



28.3469, 0.3190, 0.3953



7.1408, 0.3222, 0.3513



21.7241, 0.3743, 0.5410



0.3420, 0.3956, 0.5241

Inverse Universe

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



18.9239, 0.2826, 0.2629



29.6191, 0.2742, 0.2455



20.4460, 0.3041, 0.2669



6.1013, 0.3027, 0.3063



2.2953, 0.1678, 0.0698



0.0502, 0.2099, 0.0930

Previews

White Background



This preview shows how the Yxy color 29.8599, 0.3383, 0.3914 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 29.8599, 0.3383, 0.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

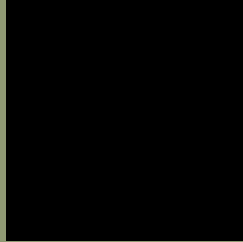
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

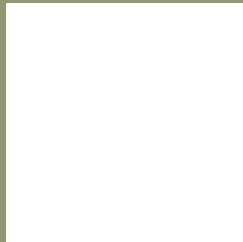
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.8599, 0.3383, 0.3914

Background



This preview shows how black text looks on a background with the Yxy color 29.8599, 0.3383, 0.3914.



This preview shows how white text looks on a background with the Yxy color 29.8599, 0.3383, 0.3914.

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

29.8599, 0.3383, 0.3914

Protanopia

29.7430, 0.3596, 0.3837

Deuteranopia

29.5146, 0.3738, 0.3663



Tritanopia

29.7602, 0.3034, 0.3105

Trichromacy



Original Color

29.8599, 0.3383, 0.3914

Protanomaly

29.7999, 0.3511, 0.3864

Deuteranomaly

29.5001, 0.3607, 0.3755

Tritanomaly

29.6811, 0.3164, 0.3385

Monochromacy



Original Color

29.8599, 0.3383, 0.3914

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2639, 0.3220, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8599, 0.3383, 0.3914 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(143, 153, 115)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 115)  
}
```

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(143, 153, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 115) }
```

Border

The CSS property to change the border of an element to Yxy 29.8599, 0.3383, 0.3914 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(143, 153, 115) }
```

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

```
.border{ border-color:rgb(143, 153, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8599, 0.3383, 0.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 115) }
```

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

```
.background{ background-color: rgb(143,  
153, 115) }
```

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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