

Converting Colors

$Y_{xy}(29.4820, 0.3143, 0.3950)$

Have a look what the booklet for
Yxy(29.4820, 0.3143, 0.3950)
contains.

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Color

Yxy(29.2959, 0.3144, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	7B9C76
RGB	123, 156, 118
RGB Percent	48%, 61%, 46%
CMY	0.5178, 0.3882, 0.5372
CMYK	0.21, 0.00, 0.24, 0.39
HSL	112°, 16%, 54%
HSV	112°, 24%, 61%
XYZ	23.3240, 29.2959, 21.5658
YIQ	141.8010, -7.4700, -18.8140

Conversions

Conversions Part 2

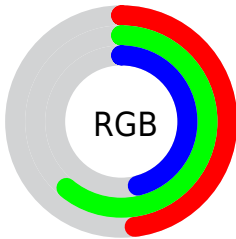
Format	Color
RYB	118, 156, 151
Decimal	8100982
CIELab	61.04, -19.04, 16.25
CIELCh	61, 25.033, 139.527
Yxy	29.2959, 0.3144, 0.3949
Android (android.graphics.Color)	4286291062 (0xFF7B9C76)
YUV	141.8010, -11.7339, -16.4885
Hunter-Lab	54.1257, -17.8003, 14.2646

Details

The Yxy color $29.2959, 0.3144, 0.3949$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.9418, 0.3096, 0.2690$, and the grayscale version is $27.0156, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.7209, 0.3147, 0.3813$, and $11.9493, 0.3136, 0.4224$ is the 20% darker color. If you saturate the color by 10%, you get $28.0248, 0.3146, 0.4266$, and if you desaturate by 10%, it is $30.7694, 0.3139, 0.3657$.

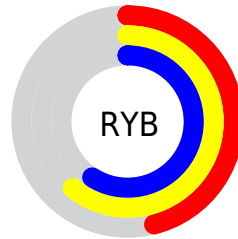
Distribution



Red (48%)

Green (61%)

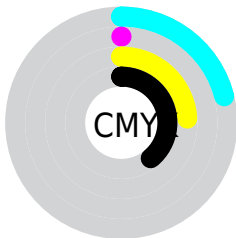
Blue (46%)



Red (46%)

Yellow (61%)

Blue (59%)

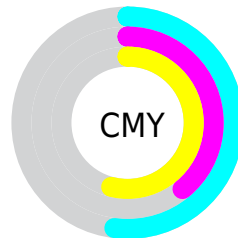


Cyan (21%)

Magenta (0%)

Yellow (24%)

Black (39%)



Cyan (52%)


Magenta (39%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2959, 0.3144, 0.3949 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 29.2959, 0.3144, 0.3949 by changing the saturation by 10% instead.

 29.2959, 0.3144,
0.3949


 29.2959, 0.3144,
0.3949


298.6085, 0.3141,
0.3582

 19.3048, 0.3142,
0.4055


 58.5469, 0.3145,
0.3805

 11.8907, 0.3136,
0.4202


 78.5755, 0.3145,
0.3755

 6.6693, 0.3123,
0.4417


 102.7188, 0.3144,
0.3713

 3.2562, 0.3091,
0.4761

131.3611, 0.3144,
0.3678

 1.2669, 0.3228,
0.5868

164.8869, 0.3143,
0.3649

 0.1153, 0.0000,
1.0000


203.6804, 0.3143,


 0.0000, 0.0000,


0.3623

0.0000


248.1262, 0.3142,
0.3601

 29.2959, 0.3144,
0.3949


 29.2959, 0.3144,
0.3949


 28.0248, 0.3146,
0.4266


 30.7694, 0.3139,
0.3657


 26.9436, 0.3144,
0.4601


 32.4497, 0.3131,
0.3395


 26.0444, 0.3136,
0.4939

 34.3458, 0.3122,
0.3163

 25.3170, 0.3123,
0.5260

 36.4649, 0.3112,
0.2959

 24.7502, 0.3103,
0.5542

 38.8140, 0.3102,
0.2782

■ 24.3317, 0.3078,
0.5762

■ 41.3997, 0.3092,
0.2627

■ 24.0469, 0.3051,
0.5908

■ 44.2284, 0.3082,
0.2493

■ 23.9330, 0.3039,
0.5969

■ 47.3063, 0.3073,
0.2377

■ 50.4174, 0.3090,
0.2304

Harmonies

Analogous

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



29.2959, 0.3541, 0.4023



29.2959, 0.3144, 0.3949



29.2959, 0.2758, 0.3656

Triad

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



29.2959, 0.3144, 0.3949



29.2959, 0.2448, 0.2684



29.2959, 0.3812, 0.3264

Complementary

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



29.2959, 0.3144, 0.3949



21.9418, 0.3096, 0.2690

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.



29.2959, 0.3482, 0.2956



29.2959, 0.3144, 0.3949



29.2959, 0.2693, 0.2630

Square

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



29.2959, 0.3144, 0.3949



29.2959, 0.2373, 0.2903



29.2959, 0.3067, 0.2730



29.2959, 0.3944, 0.3595

Rectangle

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



29.2959, 0.3144, 0.3949



29.2959, 0.2557, 0.3392



29.2959, 0.3067, 0.2730



29.2959, 0.3720, 0.3156

Sweetspot

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



29.2972, 0.3144, 0.3949



58.0438, 0.3133, 0.3465



30.4916, 0.3501, 0.3808



12.7359, 0.3134, 0.3478



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.



29.2972, 0.3144, 0.3949



51.9560, 0.3146, 0.4112



29.2963, 0.2976, 0.3706



7.4406, 0.3135, 0.3520



19.7200, 0.3042, 0.5967



0.3631, 0.3214, 0.5830

Inverse Universe

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



21.9418, 0.3096, 0.2690



36.3331, 0.3087, 0.2559



21.9819, 0.3317, 0.2908



6.7106, 0.3118, 0.3068



6.2721, 0.2888, 0.1365



0.1232, 0.3026, 0.1440

Previews

White Background



This preview shows how the Yxy color 29.2959, 0.3144, 0.3949 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 29.2959, 0.3144, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

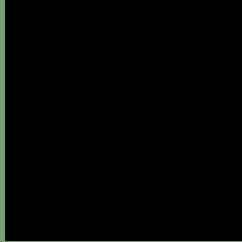
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2959, 0.3144, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 29.2959, 0.3144, 0.3949.



This preview shows how white text looks on a background with the Yxy color 29.2959, 0.3144, 0.3949.

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

29.2959, 0.3144, 0.3949

Protanopia

29.2504, 0.3567, 0.3811

Deuteranopia

28.9763, 0.3664, 0.3593



Tritanopia

29.1672, 0.2827, 0.3096

Trichromacy



Original Color

29.2959, 0.3144, 0.3949

Protanomaly

29.0702, 0.3413, 0.3864

Deuteranomaly

28.6861, 0.3464, 0.3707

Tritanomaly

29.0438, 0.2937, 0.3390

Monochromacy



Original Color

29.2959, 0.3144, 0.3949

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.7118, 0.3137, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2959, 0.3144, 0.3949 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(123, 156, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 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(123, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 118) }
```

Border

The CSS property to change the border of an element to Yxy 29.2959, 0.3144, 0.3949 is called "border". The border property can be set on classes, ids or directly on the HTML element.

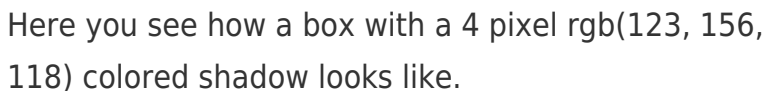
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 156, 118) }
```

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

```
.border{ border-color:rgb(123, 156, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 156, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 156, 118); box-shadow:4px 4px 4px 4px rgb(123, 156, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2959, 0.3144, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 118) }
```

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

```
.background{ background-color: rgb(123,  
156, 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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