

Converting Colors

$Y_{xy}(29.8833, 0.3152, 0.3950)$

Have a look what the booklet for
Yxy(29.8833, 0.3152, 0.3950)
contains.

Yxy(29.8058, 0.3154, 0.3943)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.8058, 0.3154, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	7D9D77
RGB	125, 157, 119
RGB Percent	49%, 62%, 47%
CMY	0.5099, 0.3843, 0.5334
CMYK	0.20, 0.00, 0.24, 0.38
HSL	111°, 16%, 54%
HSV	111°, 24%, 62%
XYZ	23.8416, 29.8058, 21.9443
YIQ	143.1000, -6.8740, -18.6020

Conversions

Conversions Part 2

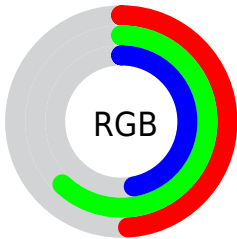
Format	Color
RYB	119, 157, 151
Decimal	8232311
CIELab	61.49, -18.66, 16.34
CIELCh	61, 24.801, 138.797
Yxy	29.8058, 0.3154, 0.3943
Android (android.graphics.Color)	4286422391 (0xFF7D9D77)
YUV	143.1000, -11.8813, -15.8737
Hunter-Lab	54.5947, -17.5894, 14.3847

Details

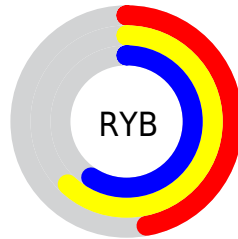
The Yxy color $29.8058, 0.3154, 0.3943$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $22.2050, 0.3084, 0.2692$, and the grayscale version is $27.5596, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4922, 0.3154, 0.3810$, and $12.2461, 0.3150, 0.4211$ is the 20% darker color. If you saturate the color by 10%, you get $28.5308, 0.3160, 0.4258$, and if you desaturate by 10%, it is $31.2782, 0.3144, 0.3653$.

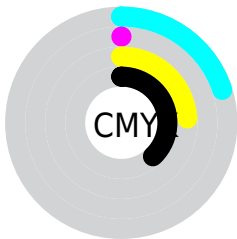
Distribution



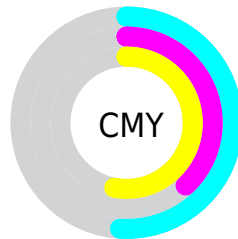
- Red (49%)
- Green (62%)
- Blue (47%)



- Red (47%)
- Yellow (62%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (38%)





- Cyan (51%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8058, 0.3154, 0.3943 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 29.8058, 0.3154, 0.3943 by changing the saturation by 10% instead.


 29.8058, 0.3154,
0.3943


 29.8058, 0.3154,
0.3943


300.9982, 0.3146,
0.3580

 19.6912, 0.3153,
0.4048


 59.3549, 0.3153,
0.3801

 12.1708, 0.3150,
0.4191


 79.5583, 0.3152,
0.3751

 6.8601, 0.3140,
0.4402


 103.8933, 0.3151,
0.3710

 3.3748, 0.3114,
0.4735

132.7445, 0.3150,
0.3676

 1.3304, 0.3238,
0.5720

166.4962, 0.3149,
0.3647

 0.1645, 0.0000,
1.0000

205.5328, 0.3148,

 0.0000, 0.0000,

0.3621

0.0000

250.2386, 0.3147,
0.3600

■ 29.8058, 0.3154,
0.3943

■ 29.8058, 0.3154,
0.3943

■ 28.5308, 0.3160,
0.4258

■ 31.2782, 0.3144,
0.3653

■ 27.4411, 0.3161,
0.4590

■ 32.9519, 0.3133,
0.3391

■ 26.5291, 0.3156,
0.4925

■ 34.8356, 0.3119,
0.3159

■ 25.7852, 0.3143,
0.5244

■ 36.9361, 0.3106,
0.2956

■ 25.1989, 0.3123,
0.5525

■ 39.2602, 0.3092,
0.2777

■ 24.7585, 0.3097,
0.5747

■ 41.8141, 0.3078,
0.2622

■ 24.4504, 0.3066,
0.5895

■ 44.6041, 0.3065,
0.2487

■ 24.3205, 0.3051,
0.5959

■ 47.6359, 0.3052,
0.2370

■ 50.5695, 0.3081,
0.2311

Harmonies

Analogous

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



29.8058, 0.3545, 0.4010



29.8058, 0.3154, 0.3943



29.8058, 0.2772, 0.3659

Triad

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



29.8058, 0.3154, 0.3943



29.8058, 0.2454, 0.2697



29.8058, 0.3796, 0.3257

Complementary

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



29.8058, 0.3154, 0.3943



22.2050, 0.3084, 0.2692

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.



29.8058, 0.3468, 0.2955



29.8058, 0.3154, 0.3943



29.8058, 0.2692, 0.2639

Square

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



29.8058, 0.3154, 0.3943



29.8058, 0.2384, 0.2916



29.8058, 0.3059, 0.2734



29.8058, 0.3931, 0.3584

Rectangle

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



29.8058, 0.3154, 0.3943



29.8058, 0.2572, 0.3401



29.8058, 0.3059, 0.2734



29.8058, 0.3703, 0.3150

Sweetspot

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



29.8071, 0.3154, 0.3943



58.0941, 0.3136, 0.3465



30.5280, 0.3504, 0.3786



12.7477, 0.3137, 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.



29.8071, 0.3154, 0.3943



52.1122, 0.3158, 0.4109



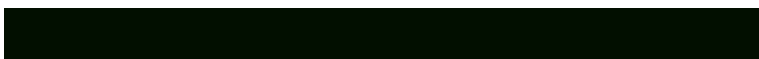
29.6943, 0.2987, 0.3726



7.4488, 0.3139, 0.3519



19.7616, 0.3055, 0.5956



0.3658, 0.3254, 0.5798

Inverse Universe

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



22.2050, 0.3084, 0.2692



36.1193, 0.3072, 0.2555



22.3830, 0.3301, 0.2890



6.7016, 0.3114, 0.3068



5.9896, 0.2821, 0.1328



0.1201, 0.2987, 0.1419

Previews

White Background



This preview shows how the Yxy color 29.8058, 0.3154, 0.3943 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 29.8058, 0.3154, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

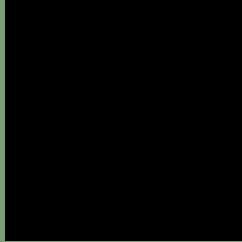
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8058, 0.3154, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 29.8058, 0.3154, 0.3943.



This preview shows how white text looks on a background with the Yxy color 29.8058, 0.3154, 0.3943.

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

29.8058, 0.3154, 0.3943

Protanopia

29.6867, 0.3564, 0.3808

Deuteranopia

29.4091, 0.3661, 0.3591



Tritanopia

29.6831, 0.2838, 0.3098

Trichromacy



Original Color

29.8058, 0.3154, 0.3943

Protanomaly

29.5052, 0.3412, 0.3861

Deuteranomaly

29.1179, 0.3462, 0.3704

Tritanomaly

29.5562, 0.2948, 0.3389

Monochromacy



Original Color

29.8058, 0.3154, 0.3943

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.1353, 0.3137, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8058, 0.3154, 0.3943 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(125, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(125, 157, 119)  
}
```

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(125, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 157, 119) }
```

Border

The CSS property to change the border of an element to Yxy 29.8058, 0.3154, 0.3943 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(125, 157, 119) }
```

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

```
.border{ border-color:rgb(125, 157, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 157, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 157, 119);  
box-shadow:4px 4px 4px 4px rgb(125, 157,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8058, 0.3154, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 157, 119) }
```

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

```
.background{ background-color: rgb(125,  
157, 119) }
```

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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