

Converting Colors

$Y_{xy}(28.8387, 0.3123, 0.3806)$

Have a look what the booklet for
Yxy(28.8387, 0.3123, 0.3806)
contains.

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Color

Yxy(29.0021, 0.3123, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	7E9A7C
RGB	126, 154, 124
RGB Percent	49%, 60%, 49%
CMY	0.5057, 0.3961, 0.5137
CMYK	0.18, 0.00, 0.19, 0.40
HSL	116°, 13%, 55%
HSV	116°, 19%, 60%
XYZ	23.8038, 29.0021, 23.4151
YIQ	142.2080, -7.0580, -15.2660

Conversions

Conversions Part 2

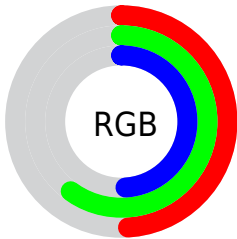
Format	Color
RYB	124, 154, 152
Decimal	8297084
CIELab	60.78, -15.80, 12.56
CIElCh	61, 20.183, 141.509
Yxy	29.0021, 0.3123, 0.3805
Android (android.graphics.Color)	4286487164 (0xFF7E9A7C)
YUV	142.2080, -8.9765, -14.2144
Hunter-Lab	53.8536, -15.3450, 11.9187

Details

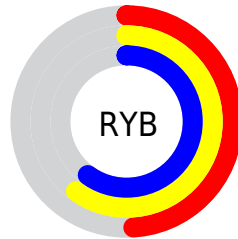
The Yxy color $29.0021, 0.3123, 0.3805$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $23.4213, 0.3126, 0.2818$, and the grayscale version is $27.1795, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8698, 0.3124, 0.3683$, and $11.7450, 0.3107, 0.4010$ is the 20% darker color. If you saturate the color by 10%, you get $27.6292, 0.3118, 0.4114$, and if you desaturate by 10%, it is $30.5948, 0.3126, 0.3526$.

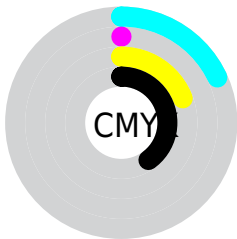
Distribution



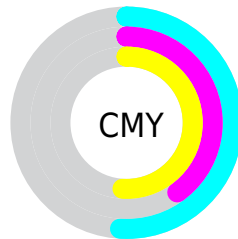
- Red (49%)
- Green (60%)
- Blue (49%)



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



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)





- Cyan (51%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0021, 0.3123, 0.3805 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 29.0021, 0.3123, 0.3805 by changing the saturation by 10% instead.


 29.0021, 0.3123,
0.3805

 29.0021, 0.3123,
0.3805


297.2249, 0.3129,
0.3519

 19.0824, 0.3119,
0.3887


 58.0804, 0.3127,
0.3693

 11.7298, 0.3113,
0.4001


 78.0078, 0.3128,
0.3654

 6.5600, 0.3101,
0.4168


 102.0400, 0.3128,
0.3622

 3.1885, 0.3076,
0.4434

130.5612, 0.3129,
0.3594

 1.2309, 0.3119,
0.5125

163.9559, 0.3129,
0.3571

 0.0867, 0.0000,
1.0000

202.6085, 0.3129,

 0.0000, 0.0000,

0.3552

0.0000

246.9033, 0.3129,
0.3534

■ 29.0021, 0.3123,
0.3805

■ 29.0021, 0.3123,
0.3805

■ 27.6292, 0.3118,
0.4114

■ 30.5948, 0.3126,
0.3526

■ 26.4630, 0.3110,
0.4447

■ 32.4126, 0.3127,
0.3278

■ 25.4946, 0.3099,
0.4791

■ 34.4650, 0.3127,
0.3061

■ 24.7130, 0.3085,
0.5129

■ 36.7600, 0.3126,
0.2872

■ 24.1062, 0.3068,
0.5437

■ 39.3051, 0.3124,
0.2709

■ 23.6606, 0.3050,
0.5690

■ 42.1076, 0.3122,
0.2568

■ 23.3607, 0.3032,
0.5870

■ 45.1744, 0.3120,
0.2446

■ 23.1830, 0.3018,
0.5980

■ 48.5123, 0.3117,
0.2341

■ 23.1760, 0.3018,
0.5986

■ 51.5884, 0.3173,
0.2311

Harmonies

Analogous

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



29.0021, 0.3447, 0.3882



29.0021, 0.3123, 0.3805



29.0021, 0.2811, 0.3564

Triad

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



29.0021, 0.3123, 0.3805



29.0021, 0.2581, 0.2790



29.0021, 0.3692, 0.3292

Complementary

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



29.0021, 0.3123, 0.3805



23.4213, 0.3126, 0.2818

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.



29.0021, 0.3436, 0.3033



29.0021, 0.3123, 0.3805



29.0021, 0.2793, 0.2750

Square

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



29.0021, 0.3123, 0.3805



29.0021, 0.2509, 0.2964



29.0021, 0.3104, 0.2839



29.0021, 0.3787, 0.3563

Rectangle

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



29.0021, 0.3123, 0.3805



29.0021, 0.2650, 0.3354



29.0021, 0.3104, 0.2839



29.0021, 0.3621, 0.3201

Sweetspot

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



29.0033, 0.3123, 0.3805



56.6444, 0.3127, 0.3439



30.6169, 0.3419, 0.3723



12.7779, 0.3126, 0.3454



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.



29.0033, 0.3123, 0.3805



51.6504, 0.3121, 0.3925



29.1861, 0.2992, 0.3587



6.9447, 0.3126, 0.3519



18.8909, 0.3020, 0.5984



0.2871, 0.3119, 0.5906

Inverse Universe

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



23.4213, 0.3126, 0.2818



39.7658, 0.3125, 0.2719



23.2250, 0.3290, 0.3011



6.3022, 0.3127, 0.3070



6.7025, 0.3043, 0.1450



0.1057, 0.3122, 0.1494

Previews

White Background



This preview shows how the Yxy color 29.0021, 0.3123, 0.3805 looks on a white background.

Color Contrast Check

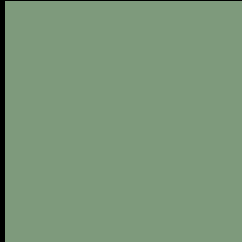
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0021, 0.3123, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

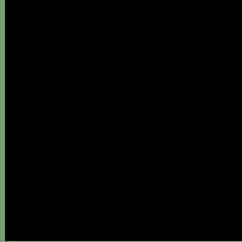
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0021, 0.3123, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 29.0021, 0.3123, 0.3805.



This preview shows how white text looks on a background with the Yxy color 29.0021, 0.3123, 0.3805.

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

29.0021, 0.3123, 0.3805

Protanopia

28.8824, 0.3486, 0.3704

Deuteranopia

28.7975, 0.3564, 0.3504



Tritanopia

28.9736, 0.2853, 0.3096

Trichromacy



Original Color

29.0021, 0.3123, 0.3805

Protanomaly

28.8047, 0.3346, 0.3751

Deuteranomaly

28.7395, 0.3391, 0.3611

Tritanomaly

29.0172, 0.2948, 0.3339

Monochromacy



Original Color

29.0021, 0.3123, 0.3805

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.5413, 0.3129, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0021, 0.3123, 0.3805 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(126, 154, 124)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 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(126, 154, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 124) }
```

Border

The CSS property to change the border of an element to Yxy 29.0021, 0.3123, 0.3805 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(126, 154, 124) }
```

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

```
.border{ border-color:rgb(126, 154, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 154, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 124);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0021, 0.3123, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 124) }
```

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

```
.background{ background-color: rgb(126,  
154, 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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