

Converting Colors

$Y_{xy}(26.7830, 0.3013, 0.3928)$

Have a look what the booklet for
Yxy(26.7830, 0.3013, 0.3928)
contains.

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Color

$Y_{xy}(26.9290, 0.3011, 0.3932)$

Conversions

Conversions Part 1

Format	Color
Hex	6C9875
RGB	108, 152, 117
RGB Percent	42%, 60%, 46%
CMY	0.5765, 0.4039, 0.5412
CMYK	0.29, 0.00, 0.23, 0.40
HSL	132°, 18%, 51%
HSV	132°, 29%, 60%
XYZ	20.6214, 26.9290, 20.9364
YIQ	134.8540, -14.9890, -20.2130

Conversions

Conversions Part 2

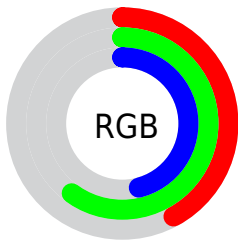
Format	Color
RYB	108, 145, 152
Decimal	7116917
CIELab	58.91, -22.44, 13.72
CIELCh	59, 26.298, 148.563
Yxy	26.9290, 0.3011, 0.3932
Android (android.graphics.Color)	4285306997 (0xFF6C9875)
YUV	134.8540, -8.8020, -23.5510
Hunter-Lab	51.8932, -19.8805, 12.4045

Details

The Yxy color **26.9290, 0.3011, 0.3932** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3813, 0.3270, 0.2724**, and the grayscale version is **24.2080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4808, 0.3038, 0.3784**, and **10.6668, 0.2955, 0.4185** is the 20% darker color. If you saturate the color by 10%, you get **25.7926, 0.2974, 0.4200**, and if you desaturate by 10%, it is **28.2706, 0.3050, 0.3687**.

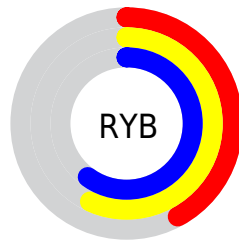
Distribution



Red (42%)

Green (60%)

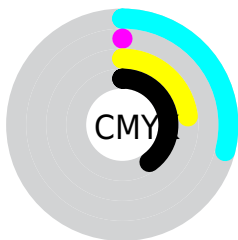
Blue (46%)



Red (42%)

Yellow (57%)

Blue (60%)

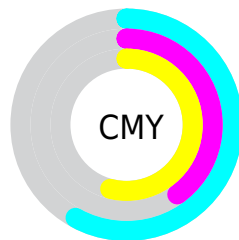


Cyan (29%)

Magenta (0%)

Yellow (23%)

Black (40%)



Cyan (58%)


Magenta (40%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9290, 0.3011, 0.3932 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 26.9290, 0.3011, 0.3932 by changing the saturation by 10% instead.


 26.9290, 0.3011,
0.3932


 26.9290, 0.3011,
0.3932


287.3132, 0.3081,
0.3569


 17.5199, 0.2988,
0.4040


 54.7699, 0.3040,
0.3788


 10.6059, 0.2955,
0.4191


 73.9705, 0.3050,
0.3738

 5.8025, 0.2902,
0.4418

 97.2038, 0.3057,
0.3697

 2.7253, 0.2806,
0.4792

 124.8540, 0.3064,
0.3663

 0.9901, 0.2607,
0.6624

157.3057, 0.3069,
0.3634

 0.0000, 0.0000,
0.0000

194.9432, 0.3074,

0.3609

238.1509, 0.3078,
0.3588

■ 26.9290, 0.3011,
0.3932

■ 26.9290, 0.3011,
0.3932

■ 25.7926, 0.2974,
0.4200

■ 28.2706, 0.3050,
0.3687

■ 24.8479, 0.2943,
0.4485

■ 29.8234, 0.3091,
0.3466

■ 24.0852, 0.2919,
0.4779

■ 31.5971, 0.3131,
0.3271

■ 23.4925, 0.2906,
0.5068

■ 33.6000, 0.3170,
0.3099

■ 23.0564, 0.2905,
0.5336

■ 35.8400, 0.3208,
0.2950

■ 22.7612, 0.2916,
0.5569

■ 38.3245, 0.3243,
0.2819

■ 22.5752, 0.2935,
0.5754

■ 41.0606, 0.3276,
0.2707

■ 22.5583, 0.2936,
0.5771

■ 44.0552, 0.3306,
0.2609

■ 47.3147, 0.3334,
0.2524

Harmonies

Analogous

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



26.9290, 0.3448, 0.4087



26.9290, 0.3011, 0.3932



26.9290, 0.2623, 0.3560

Triad

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



26.9290, 0.3011, 0.3932



26.9290, 0.2458, 0.2602



26.9290, 0.3937, 0.3367

Complementary

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



26.9290, 0.3011, 0.3932



19.3813, 0.3270, 0.2724

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.



26.9290, 0.3634, 0.3023



26.9290, 0.3011, 0.3932



26.9290, 0.2769, 0.2598

Square

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



26.9290, 0.3011, 0.3932



26.9290, 0.2321, 0.2782



26.9290, 0.3197, 0.2750



26.9290, 0.4001, 0.3716

Rectangle

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



26.9290, 0.3011, 0.3932



26.9290, 0.2440, 0.3266



26.9290, 0.3197, 0.2750



26.9290, 0.3859, 0.3248

Sweetspot

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



26.9301, 0.3011, 0.3932



52.5729, 0.3090, 0.3471



29.3990, 0.3455, 0.4015



11.8599, 0.3085, 0.3499



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.



26.9301, 0.3011, 0.3932



46.1418, 0.2986, 0.4110



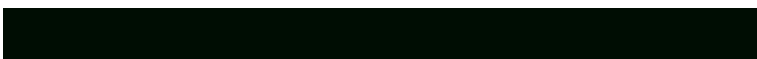
27.5043, 0.2826, 0.3524



6.9452, 0.3090, 0.3472



18.9165, 0.2934, 0.5761



0.2872, 0.2747, 0.5089

Inverse Universe

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



19.3813, 0.3270, 0.2724



30.5137, 0.3312, 0.2591



18.7832, 0.3559, 0.3070



6.3020, 0.3167, 0.3115



6.7574, 0.3790, 0.1862



0.1059, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 26.9290, 0.3011, 0.3932 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 26.9290, 0.3011, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

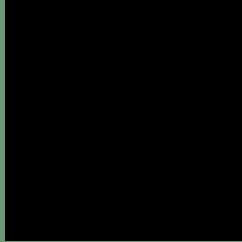
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9290, 0.3011, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 26.9290, 0.3011, 0.3932.



This preview shows how white text looks on a background with the Yxy color 26.9290, 0.3011, 0.3932.

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

26.9290, 0.3011, 0.3932

Protanopia

26.7036, 0.3530, 0.3767

Deuteranopia

26.6458, 0.3602, 0.3542



Tritanopia

26.7394, 0.2730, 0.3086

Trichromacy



Original Color

26.9290, 0.3011, 0.3932

Protanomaly

26.6166, 0.3326, 0.3824

Deuteranomaly

26.4287, 0.3361, 0.3677

Tritanomaly

26.6737, 0.2831, 0.3377

Monochromacy



Original Color

26.9290, 0.3011, 0.3932

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.9682, 0.3084, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9290, 0.3011, 0.3932 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(108, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 152, 117)  
}
```

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(108, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 152, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.9290, 0.3011, 0.3932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

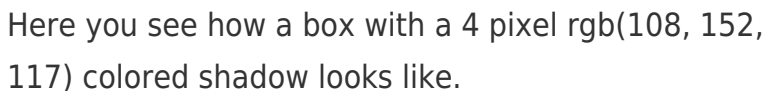
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 152, 117) }
```

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

```
.border{ border-color:rgb(108, 152, 117) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 152, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 152, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 152, 117);  
box-shadow:4px 4px 4px 4px rgb(108, 152,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9290, 0.3011, 0.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 152, 117) }
```

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

```
.background{ background-color: rgb(108,  
152, 117) }
```

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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