

Converting Colors

$Yxy(26.9864, 0.3012, 0.4126)$

Have a look what the booklet for
Yxy(26.9864, 0.3012, 0.4126)
contains.

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Color

$\text{Yxy}(26.9820, 0.3014, 0.4132)$

Conversions

Conversions Part 1

Format	Color
Hex	659A6D
RGB	101, 154, 109
RGB Percent	40%, 60%, 43%
CMY	0.6040, 0.3961, 0.5726
CMYK	0.34, 0.00, 0.29, 0.40
HSL	129°, 21%, 50%
HSV	129°, 34%, 60%
XYZ	19.6814, 26.9820, 18.6366
YIQ	133.0230, -17.1430, -25.2310

Conversions

Conversions Part 2

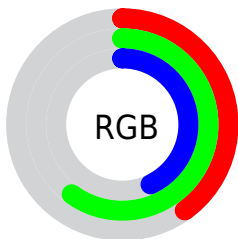
Format	Color
RYB	101, 147, 154
Decimal	6658669
CIELab	58.96, -27.29, 18.19
CIElCh	59, 32.794, 146.307
Yxy	26.9820, 0.3014, 0.4132
Android (android.graphics.Color)	4284848749 (0xFF659A6D)
YUV	133.0230, -11.8433, -28.0842
Hunter-Lab	51.9442, -23.2694, 15.0888

Details

The Yxy color $26.9820, 0.3014, 0.4132$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.2512, 0.3267, 0.2574$, and the grayscale version is $23.5123, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.0442, 0.3046, 0.3940$, and $10.5435, 0.2950, 0.4470$ is the 20% darker color. If you saturate the color by 10%, you get $25.9150, 0.2985, 0.4429$, and if you desaturate by 10%, it is $28.2597, 0.3046, 0.3855$.

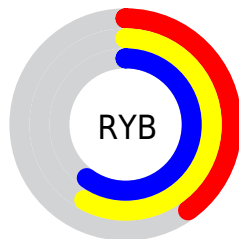
Distribution



Red (40%)

Green (60%)

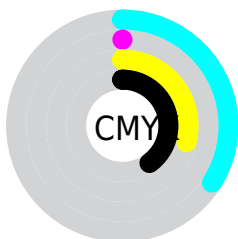
Blue (43%)



Red (40%)

Yellow (58%)

Blue (60%)

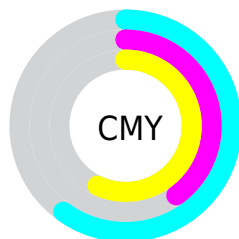


Cyan (34%)

Magenta (0%)

Yellow (29%)

Black (40%)



Cyan (60%)


Magenta (40%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9820, 0.3014, 0.4132 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 26.9820, 0.3014, 0.4132 by changing the saturation by 10% instead.

 26.9820, 0.3014,
0.4132


 26.9820, 0.3014,
0.4132


287.5700, 0.3087,
0.3652


 17.5597, 0.2988,
0.4276


 54.8550, 0.3045,
0.3941


 10.6343, 0.2949,
0.4479


 74.0745, 0.3056,
0.3874

 5.8215, 0.2883,
0.4783

 97.3284, 0.3064,
0.3820

 2.7369, 0.2758,
0.5284

 125.0014, 0.3070,
0.3775

 0.9960, 0.2173,
0.7827

157.4776, 0.3075,
0.3737

 0.0000, 0.0000,
0.0000

195.1415, 0.3080,

0.3705

238.3775, 0.3084,
0.3677

■ 26.9820, 0.3014,
0.4132

■ 26.9820, 0.3014,
0.4132

■ 25.9150, 0.2985,
0.4429

■ 28.2597, 0.3046,
0.3855

■ 25.0443, 0.2961,
0.4738

■ 29.7550, 0.3079,
0.3604

■ 24.3586, 0.2945,
0.5045


■ 31.4789, 0.3113,
0.3380


■ 23.8443, 0.2938,
0.5331


■ 33.4402, 0.3145,
0.3183

■ 23.4861, 0.2941,
0.5580

■ 35.6476, 0.3176,
0.3011


 23.2650, 0.2954,
0.5773

 38.1092, 0.3204,
0.2862

 23.1759, 0.2960,
0.5857

 40.8327, 0.3231,
0.2733

 43.8257, 0.3256,
0.2621

 47.0953, 0.3279,
0.2524

Harmonies

Analogous

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



26.9820, 0.3553, 0.4292



26.9820, 0.3014, 0.4132



26.9820, 0.2531, 0.3668

Triad

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



26.9820, 0.3014, 0.4132



26.9820, 0.2287, 0.2454



26.9820, 0.4120, 0.3338

Complementary

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



26.9820, 0.3014, 0.4132



18.2512, 0.3267, 0.2574

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.



26.9820, 0.3720, 0.2930



26.9820, 0.3014, 0.4132



26.9820, 0.2646, 0.2440

Square

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



26.9820, 0.3014, 0.4132



26.9820, 0.2140, 0.2679



26.9820, 0.3166, 0.2612



26.9820, 0.4220, 0.3767

Rectangle

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



26.9820, 0.3014, 0.4132



26.9820, 0.2301, 0.3292



26.9820, 0.3166, 0.2612



26.9820, 0.4015, 0.3196

Sweetspot

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



26.9831, 0.3014, 0.4132



55.3193, 0.3094, 0.3506



30.1683, 0.3544, 0.4149



12.4303, 0.3089, 0.3536



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.



26.9831, 0.3014, 0.4132



47.5427, 0.2992, 0.4350



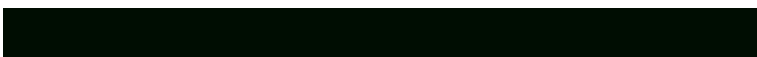
27.6411, 0.2796, 0.3624



6.9400, 0.3097, 0.3484



18.8841, 0.2958, 0.5847



0.2857, 0.2805, 0.5296

Inverse Universe

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



18.2512, 0.3267, 0.2574



29.3125, 0.3304, 0.2423



17.5209, 0.3633, 0.2983



6.3076, 0.3159, 0.3103



6.9309, 0.3621, 0.1769



0.1074, 0.3414, 0.1654

Previews

White Background



This preview shows how the Yxy color 26.9820, 0.3014, 0.4132 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 26.9820, 0.3014, 0.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

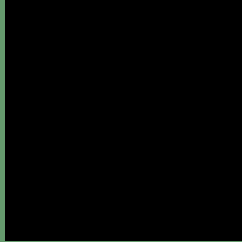
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9820, 0.3014, 0.4132

Background



This preview shows how black text looks on a background with the Yxy color 26.9820, 0.3014, 0.4132.



This preview shows how white text looks on a background with the Yxy color 26.9820, 0.3014, 0.4132.

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

26.9820, 0.3014, 0.4132

Protanopia

26.7044, 0.3649, 0.3910

Deuteranopia

26.7999, 0.3717, 0.3648



Tritanopia

27.0625, 0.2682, 0.3101

Trichromacy



Original Color

26.9820, 0.3014, 0.4132

Protanomaly

26.5642, 0.3390, 0.4002

Deuteranomaly

26.5656, 0.3431, 0.3813

Tritanomaly

26.8616, 0.2796, 0.3449

Monochromacy



Original Color

26.9820, 0.3014, 0.4132

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.5699, 0.3081, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9820, 0.3014, 0.4132 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(101, 154, 109)` looks like.

```
.text, #text, p{  
    color:rgb(101, 154, 109)  
}
```

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(101, 154, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 154, 109) }
```

Border

The CSS property to change the border of an element to Yxy 26.9820, 0.3014, 0.4132 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(101, 154, 109) }
```

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

```
.border{ border-color:rgb(101, 154, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 154, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 154, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 154, 109);  
box-shadow:4px 4px 4px 4px rgb(101, 154,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9820, 0.3014, 0.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 154, 109) }
```

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

```
.background{ background-color: rgb(101,  
154, 109) }
```

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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