

Converting Colors

$Yxy(27.0451, 0.3101, 0.4294)$

Have a look what the booklet for
Yxy(27.0451, 0.3101, 0.4294)
contains.

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Color

Yxy(26.9344, 0.3099, 0.4281)

Conversions

Conversions Part 1

Format	Color
Hex	679A65
RGB	103, 154, 101
RGB Percent	40%, 60%, 40%
CMY	0.5961, 0.3961, 0.6039
CMYK	0.33, 0.00, 0.34, 0.40
HSL	118°, 21%, 50%
HSV	118°, 34%, 60%
XYZ	19.4977, 26.9344, 16.4840
YIQ	132.7090, -13.3830, -27.2950

Conversions

Conversions Part 2

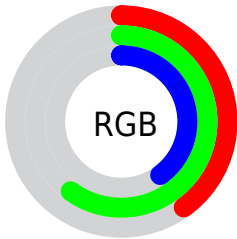
Format	Color
RYB	101, 154, 152
Decimal	6789733
CIELab	58.91, -28.02, 22.57
CIELCh	59, 35.977, 141.150
Yxy	26.9344, 0.3099, 0.4281
Android (android.graphics.Color)	4284979813 (0xFF679A65)
YUV	132.7090, -15.6325, -26.0548
Hunter-Lab	51.8984, -23.7614, 17.4971

Details

The Yxy color $26.9344, 0.3099, 0.4281$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.3184, 0.3141, 0.2455$, and the grayscale version is $23.4059, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9358, 0.3120, 0.4063$, and $10.5167, 0.3061, 0.4692$ is the 20% darker color. If you saturate the color by 10%, you get $25.8613, 0.3086, 0.4624$, and if you desaturate by 10%, it is $28.2218, 0.3109, 0.3957$.

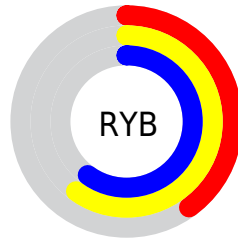
Distribution



Red (40%)

Green (60%)

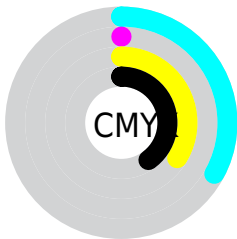
Blue (40%)



Red (40%)

Yellow (60%)

Blue (60%)

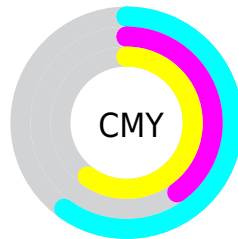


Cyan (33%)

Magenta (0%)

Yellow (34%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9344, 0.3099, 0.4281 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 26.9344, 0.3099, 0.4281 by changing the saturation by 10% instead.


 26.9344, 0.3099,
0.4281


 26.9344, 0.3099,
0.4281


287.3394, 0.3129,
0.3715


 17.5240, 0.3083,
0.4451


 54.7786, 0.3116,
0.4055


 10.6088, 0.3054,
0.4690


 73.9811, 0.3120,
0.3977

 5.8044, 0.3000,
0.5045

 97.2165, 0.3123,
0.3913

 2.7265, 0.2895,
0.5650

 124.8690, 0.3125,
0.3860

 0.9907, 0.2040,
0.7960

157.3232, 0.3127,
0.3815

 0.0000, 0.0000,
0.0000

194.9634, 0.3128,

0.3777

238.1740, 0.3129,
0.3744

■ 26.9344, 0.3099,
0.4281

■ 26.9344, 0.3099,
0.4281

■ 25.8613, 0.3086,
0.4624

■ 28.2218, 0.3109,
0.3957

■ 24.9876, 0.3072,
0.4971

■ 29.7305, 0.3118,
0.3661

■ 24.3020, 0.3056,
0.5299


■ 31.4715, 0.3125,
0.3396


■ 23.7908, 0.3040,
0.5583


■ 33.4540, 0.3130,
0.3164


■ 23.4381, 0.3025,
0.5801


■ 35.6869, 0.3134,
0.2963


 23.2253, 0.3013,
0.5937

 38.1782, 0.3137,
0.2788

 23.1499, 0.3010,
0.5992

 40.9361, 0.3139,
0.2638

 43.9681, 0.3140,
0.2509

 47.2813, 0.3141,
0.2397

Harmonies

Analogous

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



26.9344, 0.3683, 0.4382



26.9344, 0.3099, 0.4281



26.9344, 0.2552, 0.3810

Triad

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



26.9344, 0.3099, 0.4281



26.9344, 0.2169, 0.2404



26.9344, 0.4163, 0.3256

Complementary

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



26.9344, 0.3099, 0.4281



18.3184, 0.3141, 0.2455

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.



26.9344, 0.3678, 0.2829



26.9344, 0.3099, 0.4281



26.9344, 0.2519, 0.2355

Square

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



26.9344, 0.3099, 0.4281



26.9344, 0.2052, 0.2683



26.9344, 0.3061, 0.2509



26.9344, 0.4332, 0.3722

Rectangle

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



26.9344, 0.3099, 0.4281



26.9344, 0.2280, 0.3394



26.9344, 0.3061, 0.2509



26.9344, 0.4030, 0.3106

Sweetspot

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



26.9355, 0.3099, 0.4281



55.2847, 0.3121, 0.3545



30.0576, 0.3643, 0.4086



12.4215, 0.3120, 0.3580



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.



26.9355, 0.3099, 0.4281



47.4462, 0.3090, 0.4534



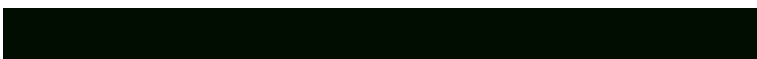
27.3566, 0.2883, 0.3825



6.9361, 0.3122, 0.3519



18.8633, 0.3011, 0.5991



0.2846, 0.3067, 0.5947

Inverse Universe

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



18.3184, 0.3141, 0.2455



29.4509, 0.3142, 0.2281



17.7947, 0.3481, 0.2813



6.3118, 0.3132, 0.3070



7.0505, 0.3118, 0.1491



0.1086, 0.3161, 0.1515

Previews

White Background



This preview shows how the Yxy color 26.9344, 0.3099, 0.4281 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 26.9344, 0.3099, 0.4281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

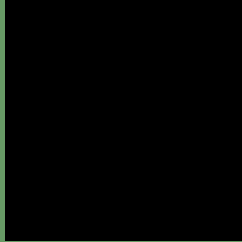
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9344, 0.3099, 0.4281

Background



This preview shows how black text looks on a background with the Yxy color 26.9344, 0.3099, 0.4281.



This preview shows how white text looks on a background with the Yxy color 26.9344, 0.3099, 0.4281.

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

26.9344, 0.3099, 0.4281

Protanopia

26.6666, 0.3734, 0.4019

Deuteranopia

26.5634, 0.3836, 0.3753



Tritanopia

26.9480, 0.2706, 0.3086

Trichromacy



Original Color

26.9344, 0.3099, 0.4281

Protanomaly

26.5905, 0.3481, 0.4118

Deuteranomaly

26.2748, 0.3540, 0.3929

Tritanomaly

26.9627, 0.2848, 0.3503

Monochromacy



Original Color

26.9344, 0.3099, 0.4281

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.5678, 0.3121, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9344, 0.3099, 0.4281 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(103, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(103, 154, 101)  
}
```

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(103, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 154, 101) }
```

Border

The CSS property to change the border of an element to Yxy 26.9344, 0.3099, 0.4281 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(103, 154, 101) }
```

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

```
.border{ border-color:rgb(103, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(103, 154,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9344, 0.3099, 0.4281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 154, 101) }
```

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

```
.background{ background-color: rgb(103,  
154, 101) }
```

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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