

Converting Colors

$Y_{xy}(27.0360, 0.2839, 0.3984)$

Have a look what the booklet for
Yxy(27.0360, 0.2839, 0.3984)
contains.

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Color

Yxy(26.9483, 0.2840, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	5A9B77
RGB	90, 155, 119
RGB Percent	35%, 61%, 47%
CMY	0.6468, 0.3922, 0.5333
CMYK	0.42, 0.00, 0.23, 0.39
HSL	147°, 26%, 48%
HSV	147°, 42%, 61%
XYZ	19.2730, 26.9483, 21.6414
YIQ	131.4610, -27.1840, -24.9760

Conversions

Conversions Part 2

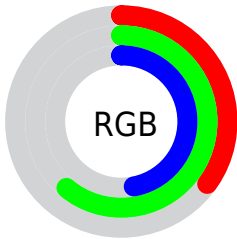
Format	Color
R_{YB}	90, 135, 155
Decimal	5938039
CIE _{Lab}	58.93, -29.21, 12.47
CIE _{LCh}	59, 31.760, 156.891
Yxy	26.9483, 0.2840, 0.3971
Android (android.graphics.Color)	4284128119 (0xFF5A9B77)
YUV	131.4610, -6.1433, -36.3613
Hunter-Lab	51.9118, -24.5747, 11.6209

Details

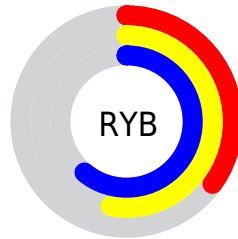
The Yxy color $26.9483, 0.2840, 0.3971$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.7997, 0.3584, 0.2703$, and the grayscale version is $22.9066, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8731, 0.2907, 0.3823$, and $10.5548, 0.2725, 0.4258$ is the 20% darker color. If you saturate the color by 10%, you get $26.0536, 0.2790, 0.4171$, and if you desaturate by 10%, it is $28.0259, 0.2900, 0.3784$.

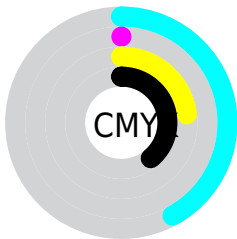
Distribution



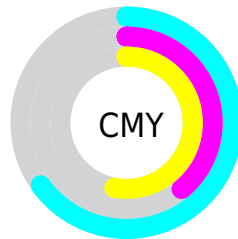
- Red (35%)
- Green (61%)
- Blue (47%)



- Red (35%)
- Yellow (53%)
- Blue (61%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (39%)





- Cyan (65%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.9483, 0.2840, 0.3971 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 26.9483, 0.2840, 0.3971 by changing the saturation by 10% instead.


 26.9483, 0.2840,
0.3971

 26.9483, 0.2840,
0.3971


287.4067, 0.3004,
0.3584


 17.5344, 0.2791,
0.4087


 54.8009, 0.2905,
0.3817

 10.6162, 0.2721,
0.4249


 74.0084, 0.2928,
0.3764

 5.8094, 0.2615,
0.4494

 97.2492, 0.2947,
0.3720

 2.7295, 0.2439,
0.4901

 124.9077, 0.2962,
0.3684

 0.9922, 0.1589,
0.6973

157.3683, 0.2975,
0.3653

 0.0000, 0.0000,
0.0000

195.0154, 0.2986,

0.3627

238.2334, 0.2996,
0.3604

■ 26.9483, 0.2840,
0.3971

■ 26.9483, 0.2840,
0.3971

■ 26.0536, 0.2790,
0.4171

■ 28.0259, 0.2900,
0.3784

■ 25.3280, 0.2753,
0.4380

■ 29.2930, 0.2968,
0.3611

■ 24.7607, 0.2732,
0.4594


■ 30.7596, 0.3039,
0.3455


■ 24.3383, 0.2730,
0.4805


■ 32.4341, 0.3113,
0.3315


■ 24.0451, 0.2746,
0.5007


■ 34.3246, 0.3187,
0.3190

 23.8708, 0.2767,
0.5162

 36.4386, 0.3260,
0.3080

 38.7831, 0.3331,
0.2983

 41.3651, 0.3399,
0.2898

 44.1911, 0.3464,
0.2824

Harmonies

Analogous

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



26.9483, 0.3361, 0.4244



26.9483, 0.2840, 0.3971



26.9483, 0.2420, 0.3464

Triad

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



26.9483, 0.2840, 0.3971



26.9483, 0.2412, 0.2450



26.9483, 0.4160, 0.3488

Complementary

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



26.9483, 0.2840, 0.3971



15.7997, 0.3584, 0.2703

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.



26.9483, 0.3865, 0.3075



26.9483, 0.2840, 0.3971



26.9483, 0.2826, 0.2503

Square

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



26.9483, 0.2840, 0.3971



26.9483, 0.2193, 0.2596



26.9483, 0.3360, 0.2726



26.9483, 0.4144, 0.3892

Rectangle

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



26.9483, 0.2840, 0.3971



26.9483, 0.2244, 0.3110



26.9483, 0.3360, 0.2726



26.9483, 0.4094, 0.3347

Sweetspot

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



26.9494, 0.2840, 0.3971



54.7128, 0.3029, 0.3475



28.6807, 0.3429, 0.4410



12.2555, 0.3014, 0.3507



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.



26.9494, 0.2840, 0.3971



46.7979, 0.2794, 0.4152



27.8407, 0.2599, 0.3366



6.9691, 0.3059, 0.3416



19.1828, 0.2763, 0.5146



0.2940, 0.2540, 0.4344

Inverse Universe

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



15.7997, 0.3584, 0.2703



24.1530, 0.3729, 0.2582



15.1073, 0.4096, 0.3220



6.2771, 0.3202, 0.3167



6.1434, 0.4689, 0.2357



0.0992, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 26.9483, 0.2840, 0.3971 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 26.9483, 0.2840, 0.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

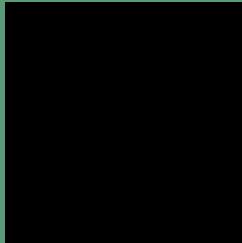
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9483, 0.2840, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 26.9483, 0.2840, 0.3971.



This preview shows how white text looks on a background with the Yxy color 26.9483, 0.2840, 0.3971.

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

26.9483, 0.2840, 0.3971

Protanopia

26.7036, 0.3530, 0.3767

Deuteranopia

26.6154, 0.3556, 0.3496



Tritanopia

26.7774, 0.2581, 0.3081

Trichromacy



Original Color

26.9483, 0.2840, 0.3971

Protanomaly

26.3848, 0.3238, 0.3835

Deuteranomaly

26.2010, 0.3250, 0.3651

Tritanomaly

26.6953, 0.2668, 0.3379

Monochromacy



Original Color

26.9483, 0.2840, 0.3971

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

24.0015, 0.3000, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9483, 0.2840, 0.3971 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(90, 155, 119)` looks like.

```
.text, #text, p{  
    color:rgb(90, 155, 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(90, 155, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 155, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.9483, 0.2840, 0.3971 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(90, 155, 119) }
```

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

```
.border{ border-color:rgb(90, 155, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 155, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 155, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 155, 119);  
box-shadow:4px 4px 4px 4px rgb(90, 155,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9483, 0.2840, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 155, 119) }
```

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

```
.background{ background-color: rgb(90, 155,  
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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