

Converting Colors

$Y_{xy}(26.4948, 0.2947, 0.3831)$

Have a look what the booklet for
Yxy(26.4948, 0.2947, 0.3831)
contains.

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Color

Yxy(26.5170, 0.2949, 0.3843)

Conversions

Conversions Part 1

Format	Color
Hex	699779
RGB	105, 151, 121
RGB Percent	41%, 59%, 47%
CMY	0.5880, 0.4079, 0.5255
CMYK	0.30, 0.00, 0.20, 0.41
HSL	141°, 18%, 50%
HSV	141°, 30%, 59%
XYZ	20.3483, 26.5170, 22.1355
YIQ	133.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

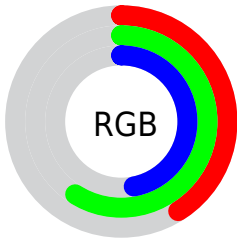
Format	Color
RYB	105, 139, 151
Decimal	6920057
CIELab	58.52, -22.11, 10.89
CIELCh	59, 24.651, 153.781
Yxy	26.5170, 0.2949, 0.3843
Android (android.graphics.Color)	4285110137 (0xFF699779)
YUV	133.8260, -6.3232, -25.2804
Hunter-Lab	51.4947, -19.5806, 10.5599

Details

The Yxy color $26.5170, 0.2949, 0.3843$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.4436, 0.3365, 0.2796$, and the grayscale version is $23.8061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8479, 0.2989, 0.3719$, and $10.4230, 0.2881, 0.4082$ is the 20% darker color. If you saturate the color by 10%, you get $25.4533, 0.2898, 0.4063$, and if you desaturate by 10%, it is $27.7700, 0.3005, 0.3641$.

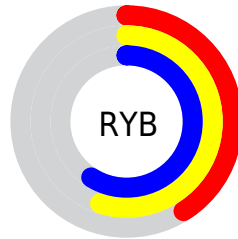
Distribution



Red (41%)

Green (59%)

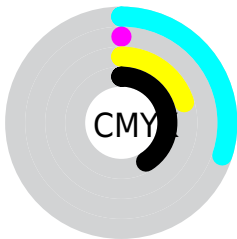
Blue (47%)



Red (41%)

Yellow (55%)

Blue (59%)

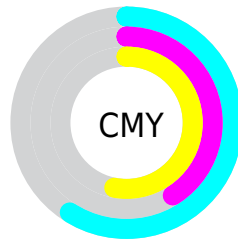


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (41%)



Cyan (59%)


Magenta (41%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5170, 0.2949, 0.3843 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 26.5170, 0.2949, 0.3843 by changing the saturation by 10% instead.


 26.5170, 0.2949,
0.3843


 26.5170, 0.2949,
0.3843


285.3109, 0.3051,
0.3530


 17.2108, 0.2918,
0.3936


 54.1078, 0.2990,
0.3719


 10.3849, 0.2873,
0.4066


 73.1613, 0.3004,
0.3676

 5.6549, 0.2806,
0.4262

 96.2325, 0.3016,
0.3641

 2.6364, 0.2690,
0.4586

 123.7061, 0.3025,
0.3611

 0.9450, 0.2277,
0.6026

155.9663, 0.3033,
0.3586

 0.0000, 0.0000,
0.0000

193.3976, 0.3040,

0.3565

236.3843, 0.3046,
0.3547

■ 26.5170, 0.2949,
0.3843

■ 26.5170, 0.2949,
0.3843

■ 25.4533, 0.2898,
0.4063

■ 27.7700, 0.3005,
0.3641

■ 24.5663, 0.2855,
0.4298

■ 29.2176, 0.3064,
0.3459

■ 23.8468, 0.2824,
0.4544

■ 30.8691, 0.3125,
0.3296

■ 23.2838, 0.2807,
0.4791

■ 32.7321, 0.3184,
0.3153

■ 22.8645, 0.2806,
0.5032

■ 34.8139, 0.3242,
0.3026

■ 22.5743, 0.2822,
0.5256

■ 37.1213, 0.3298,
0.2915

■ 22.3827, 0.2847,
0.5449

■ 39.6610, 0.3351,
0.2819

■ 42.4392, 0.3402,
0.2734

■ 45.4620, 0.3449,
0.2661

Harmonies

Analogous

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



26.5170, 0.3362, 0.4031



26.5170, 0.2949, 0.3843



26.5170, 0.2599, 0.3473

Triad

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



26.5170, 0.2949, 0.3843



26.5170, 0.2535, 0.2627



26.5170, 0.3918, 0.3424

Complementary

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



26.5170, 0.2949, 0.3843



18.4436, 0.3365, 0.2796

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.



26.5170, 0.3667, 0.3092



26.5170, 0.2949, 0.3843



26.5170, 0.2854, 0.2649

Square

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



26.5170, 0.2949, 0.3843



26.5170, 0.2374, 0.2770



26.5170, 0.3269, 0.2817



26.5170, 0.3937, 0.3748

Rectangle

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



26.5170, 0.2949, 0.3843



26.5170, 0.2444, 0.3199



26.5170, 0.3269, 0.2817



26.5170, 0.3858, 0.3311

Sweetspot

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



26.5181, 0.2949, 0.3843



52.6783, 0.3072, 0.3438



28.3595, 0.3404, 0.4070



11.8870, 0.3064, 0.3461



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.



26.5181, 0.2949, 0.3843



46.0681, 0.2911, 0.4002



27.1310, 0.2762, 0.3425



6.9592, 0.3072, 0.3439



19.0484, 0.2844, 0.5437



0.2912, 0.2616, 0.4616

Inverse Universe

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



18.4436, 0.3365, 0.2796



29.0683, 0.3440, 0.2674



17.8789, 0.3675, 0.3161



6.2872, 0.3187, 0.3146



6.3623, 0.4298, 0.2141



0.1019, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 26.5170, 0.2949, 0.3843 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 26.5170, 0.2949, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

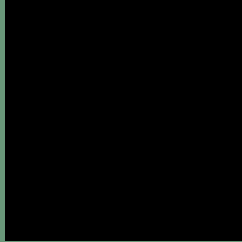
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

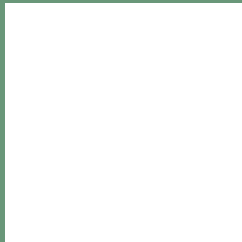
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.5170, 0.2949, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 26.5170, 0.2949, 0.3843.



This preview shows how white text looks on a background with the Yxy color 26.5170, 0.2949, 0.3843.

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

26.5170, 0.2949, 0.3843

Protanopia

26.3130, 0.3468, 0.3688

Deuteranopia

26.2568, 0.3536, 0.3465



Tritanopia

26.4711, 0.2695, 0.3084

Trichromacy



Original Color

26.5170, 0.2949, 0.3843

Protanomaly

26.1601, 0.3256, 0.3742

Deuteranomaly

26.0553, 0.3300, 0.3595

Tritanomaly

26.4754, 0.2778, 0.3342

Monochromacy



Original Color

26.5170, 0.2949, 0.3843

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5521, 0.3054, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5170, 0.2949, 0.3843 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(105, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(105, 151, 121)  
}
```

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(105, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 151, 121) }
```

Border

The CSS property to change the border of an element to Yxy 26.5170, 0.2949, 0.3843 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(105, 151, 121) }
```

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

```
.border{ border-color:rgb(105, 151, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 151, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(105, 151,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5170, 0.2949, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 151, 121) }
```

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

```
.background{ background-color: rgb(105,  
151, 121) }
```

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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