

Converting Colors

$Y_{xy}(26.4218, 0.2938, 0.3836)$

Have a look what the booklet for
Yxy(26.4218, 0.2938, 0.3836)
contains.

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Color

Yxy(26.4567, 0.2939, 0.3845)

Conversions

Conversions Part 1

Format	Color
Hex	689779
RGB	104, 151, 121
RGB Percent	41%, 59%, 47%
CMY	0.5923, 0.4078, 0.5255
CMYK	0.31, 0.00, 0.20, 0.41
HSL	142°, 18%, 50%
HSV	142°, 31%, 59%
XYZ	20.2227, 26.4567, 22.1287
YIQ	133.5270, -18.3820, -19.2940

Conversions

Conversions Part 2

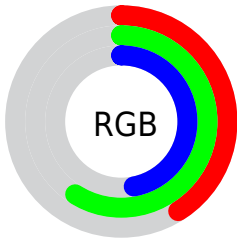
Format	Color
RYB	104, 139, 151
Decimal	6854521
CIELab	58.47, -22.49, 10.81
CIELCh	58, 24.949, 154.336
Yxy	26.4567, 0.2939, 0.3845
Android (android.graphics.Color)	4285044601 (0xFF689779)
YUV	133.5270, -6.1758, -25.8952
Hunter-Lab	51.4361, -19.8338, 10.4977

Details

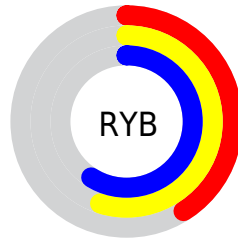
The Yxy color $26.4567, 0.2939, 0.3845$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.1928, 0.3381, 0.2795$, and the grayscale version is $23.6830, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7477, 0.2982, 0.3720$, and $10.3944, 0.2869, 0.4084$ is the 20% darker color. If you saturate the color by 10%, you get $25.4094, 0.2887, 0.4061$, and if you desaturate by 10%, it is $27.6916, 0.2997, 0.3647$.

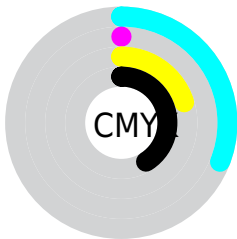
Distribution



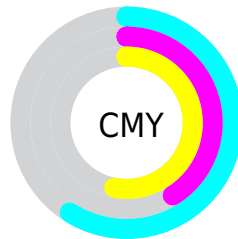
- Red (41%)
- Green (59%)
- Blue (47%)



- Red (41%)
- Yellow (55%)
- Blue (59%)



- Cyan (31%)
- Magenta (0%)
- Yellow (20%)
- Black (41%)




- Cyan (59%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4567, 0.2939, 0.3845 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 26.4567, 0.2939, 0.3845 by changing the saturation by 10% instead.


 26.4567, 0.2939,
0.3845


 26.4567, 0.2939,
0.3845


285.0168, 0.3047,
0.3531


 17.1656, 0.2906,
0.3939

 54.0108, 0.2982,
0.3721

 10.3526, 0.2860,
0.4070


 73.0426, 0.2997,
0.3677

 5.6334, 0.2789,
0.4266

 96.0901, 0.3009,
0.3642

 2.6235, 0.2668,
0.4593

 123.5377, 0.3019,
0.3612

 0.9385, 0.2213,
0.6071

155.7698, 0.3028,
0.3587

 0.0000, 0.0000,
0.0000

193.1707, 0.3035,

0.3566

236.1249, 0.3041,
0.3547

■ 26.4567, 0.2939,
0.3845

■ 26.4567, 0.2939,
0.3845

■ 25.4094, 0.2887,
0.4061

■ 27.6916, 0.2997,
0.3647

■ 24.5370, 0.2844,
0.4292

■ 29.1195, 0.3058,
0.3468

■ 23.8306, 0.2812,
0.4532

■ 30.7496, 0.3120,
0.3307

■ 23.2789, 0.2795,
0.4774

■ 32.5895, 0.3182,
0.3166

■ 22.8691, 0.2795,
0.5010

■ 34.6464, 0.3242,
0.3041

■ 22.5863, 0.2812,
0.5231

■ 36.9272, 0.3300,
0.2931

■ 22.4098, 0.2835,
0.5408

■ 39.4386, 0.3356,
0.2836

■ 42.1867, 0.3409,
0.2752

■ 45.1777, 0.3458,
0.2680

Harmonies

Analogous

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



26.4567, 0.3357, 0.4040



26.4567, 0.2939, 0.3845



26.4567, 0.2588, 0.3468

Triad

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



26.4567, 0.2939, 0.3845



26.4567, 0.2532, 0.2618



26.4567, 0.3931, 0.3432

Complementary

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



26.4567, 0.2939, 0.3845



18.1928, 0.3381, 0.2795

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.



26.4567, 0.3681, 0.3095



26.4567, 0.2939, 0.3845



26.4567, 0.2858, 0.2644

Square

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



26.4567, 0.2939, 0.3845



26.4567, 0.2366, 0.2759



26.4567, 0.3279, 0.2815



26.4567, 0.3945, 0.3758

Rectangle

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



26.4567, 0.2939, 0.3845



26.4567, 0.2433, 0.3190



26.4567, 0.3279, 0.2815



26.4567, 0.3871, 0.3317

Sweetspot

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



26.4578, 0.2939, 0.3845



52.6895, 0.3070, 0.3434



28.2485, 0.3402, 0.4092



11.8899, 0.3062, 0.3457



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.



26.4578, 0.2939, 0.3845



46.1031, 0.2904, 0.3985



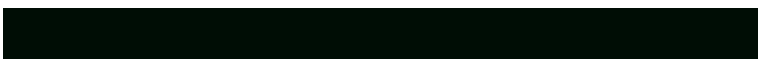
27.0896, 0.2748, 0.3414



6.9607, 0.3070, 0.3435



19.0665, 0.2832, 0.5396



0.2916, 0.2603, 0.4572

Inverse Universe

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



18.1928, 0.3381, 0.2795



29.0269, 0.3452, 0.2688



17.6204, 0.3704, 0.3171



6.2856, 0.3189, 0.3149



6.3262, 0.4356, 0.2173



0.1015, 0.3757, 0.1843

Previews

White Background



This preview shows how the Yxy color 26.4567, 0.2939, 0.3845 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 26.4567, 0.2939, 0.3845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

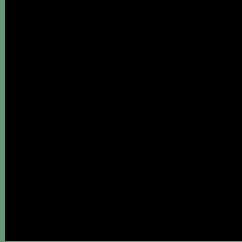
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

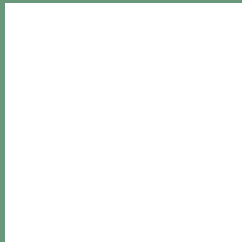
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4567, 0.2939, 0.3845

Background



This preview shows how black text looks on a background with the Yxy color 26.4567, 0.2939, 0.3845.



This preview shows how white text looks on a background with the Yxy color 26.4567, 0.2939, 0.3845.

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

26.4567, 0.2939, 0.3845

Protanopia

26.2899, 0.3478, 0.3704

Deuteranopia

26.1541, 0.3525, 0.3466



Tritanopia

26.4059, 0.2686, 0.3083

Trichromacy



Original Color

26.4567, 0.2939, 0.3845

Protanomaly

26.1364, 0.3265, 0.3760

Deuteranomaly

25.9688, 0.3288, 0.3596

Tritanomaly

26.4123, 0.2769, 0.3342

Monochromacy



Original Color

26.4567, 0.2939, 0.3845

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 26.4567, 0.2939, 0.3845 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(104, 151, 121)` looks like.

```
.text, #text, p{  
    color:rgb(104, 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(104, 151, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 151, 121) }
```

Border

The CSS property to change the border of an element to Yxy 26.4567, 0.2939, 0.3845 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(104, 151, 121) }
```

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

```
.border{ border-color:rgb(104, 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(104, 151, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 151, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 151, 121);  
box-shadow:4px 4px 4px 4px rgb(104, 151,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4567, 0.2939, 0.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 151, 121) }
```

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

```
.background{ background-color: rgb(104,  
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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