

Converting Colors

$Y_{xy}(26.7146, 0.3011, 0.3698)$

Have a look what the booklet for
Yxy(26.7146, 0.3011, 0.3698)
contains.

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Color

Yxy(26.7143, 0.3009, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	74957E
RGB	116, 149, 126
RGB Percent	45%, 58%, 49%
CMY	0.5449, 0.4157, 0.5059
CMYK	0.22, 0.00, 0.15, 0.42
HSL	138°, 13%, 52%
HSV	138°, 22%, 58%
XYZ	21.7194, 26.7143, 23.7476
YIQ	136.5110, -12.2850, -14.1490

Conversions

Conversions Part 2

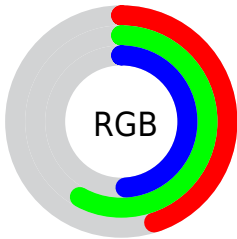
Format	Color
R_{YB}	116, 141, 149
Decimal	7640446
CIE _{Lab}	58.71, -16.34, 8.42
CIE _{LCh}	59, 18.380, 152.733
Yxy	26.7143, 0.3009, 0.3701
Android (android.graphics.Color)	4285830526 (0xFF74957E)
YUV	136.5110, -5.1819, -17.9881
Hunter-Lab	51.6859, -15.4413, 8.9387

Details

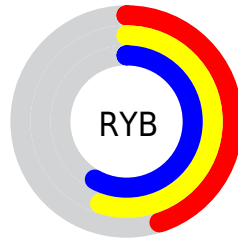
The Yxy color **26.7143, 0.3009, 0.3701** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.7547, 0.3270, 0.2912**, and the grayscale version is **24.8487, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2914, 0.3030, 0.3604**, and **10.4645, 0.2960, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **25.5198, 0.2959, 0.3921**, and if you desaturate by 10%, it is **28.1027, 0.3062, 0.3502**.

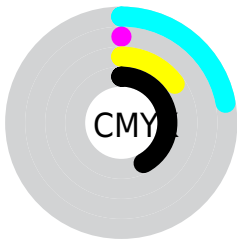
Distribution



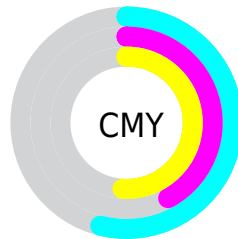
- Red (45%)
- Green (58%)
- Blue (49%)



- Red (45%)
- Yellow (55%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)




- Cyan (54%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7143, 0.3009, 0.3701 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 26.7143, 0.3009, 0.3701 by changing the saturation by 10% instead.

 26.7143, 0.3009,
0.3701

 26.7143, 0.3009,
0.3701


286.2711, 0.3076,
0.3471


 17.3588, 0.2989,
0.3769


 54.4251, 0.3036,
0.3610

 10.4906, 0.2960,
0.3863

 73.5491, 0.3045,
0.3579

 5.7254, 0.2917,
0.4003

 96.6981, 0.3053,
0.3552

 2.6789, 0.2844,
0.4232

124.2564, 0.3059,
0.3531

 0.9665, 0.2661,
0.4969

156.6085, 0.3064,
0.3512

 0.0000, 0.0000,
0.0000

194.1387, 0.3069,

0.3497

237.2315, 0.3073,
0.3483

■ 26.7143, 0.3009,
0.3701

■ 26.7143, 0.3009,
0.3701

■ 25.5198, 0.2959,
0.3921

■ 28.1027, 0.3062,
0.3502

■ 24.5073, 0.2914,
0.4160

■ 29.6899, 0.3116,
0.3325

■ 23.6685, 0.2877,
0.4413

■ 31.4844, 0.3169,
0.3168

■ 22.9933, 0.2850,
0.4675

■ 33.4935, 0.3221,
0.3030

■ 22.4704, 0.2838,
0.4936

■ 35.7241, 0.3270,
0.2910

■ 22.0872, 0.2841,
0.5184

■ 38.1827, 0.3318,
0.2805

■ 21.8286, 0.2859,
0.5408

■ 40.8757, 0.3362,
0.2713

■ 21.6829, 0.2879,
0.5563

■ 43.8090, 0.3404,
0.2634

■ 46.9884, 0.3443,
0.2564

Harmonies

Analogous

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



26.7143, 0.3318, 0.3836



26.7143, 0.3009, 0.3701



26.7143, 0.2741, 0.3439

Triad

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



26.7143, 0.3009, 0.3701



26.7143, 0.2675, 0.2792



26.7143, 0.3709, 0.3390

Complementary

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



26.7143, 0.3009, 0.3701



20.7547, 0.3270, 0.2912

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.



26.7143, 0.3520, 0.3136



26.7143, 0.3009, 0.3701



26.7143, 0.2916, 0.2800

Square

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



26.7143, 0.3009, 0.3701



26.7143, 0.2555, 0.2911



26.7143, 0.3225, 0.2925



26.7143, 0.3732, 0.3634

Rectangle

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



26.7143, 0.3009, 0.3701



26.7143, 0.2618, 0.3239



26.7143, 0.3225, 0.2925



26.7143, 0.3662, 0.3304

Sweetspot

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



26.7154, 0.3009, 0.3701



51.7006, 0.3089, 0.3411



28.2537, 0.3342, 0.3843



11.4259, 0.3086, 0.3420



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.7154, 0.3009, 0.3701



46.6428, 0.2981, 0.3818



27.1744, 0.2864, 0.3404



6.4956, 0.3078, 0.3448



18.2552, 0.2875, 0.5551



0.2282, 0.2650, 0.4738

Inverse Universe

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



20.7547, 0.3270, 0.2912



33.8470, 0.3313, 0.2815



20.3102, 0.3475, 0.3180



5.8797, 0.3180, 0.3137



6.2243, 0.4127, 0.2047



0.0814, 0.3628, 0.1772

Previews

White Background



This preview shows how the Yxy color 26.7143, 0.3009, 0.3701 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 26.7143, 0.3009, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

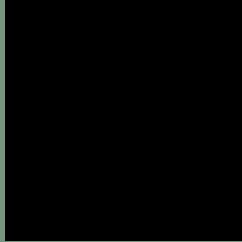
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7143, 0.3009, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 26.7143, 0.3009, 0.3701.



This preview shows how white text looks on a background with the Yxy color 26.7143, 0.3009, 0.3701.

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

26.7143, 0.3009, 0.3701

Protanopia

26.4572, 0.3404, 0.3587

Deuteranopia

26.5642, 0.3465, 0.3401



Tritanopia

26.7887, 0.2799, 0.3104

Trichromacy



Original Color

26.7143, 0.3009, 0.3701

Protanomaly

26.3092, 0.3251, 0.3632

Deuteranomaly

26.4479, 0.3281, 0.3507

Tritanomaly

26.5952, 0.2876, 0.3307

Monochromacy



Original Color

26.7143, 0.3009, 0.3701

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.4103, 0.3078, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7143, 0.3009, 0.3701 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(116, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(116, 149, 126)  
}
```

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(116, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 149, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.7143, 0.3009, 0.3701 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(116, 149, 126) }
```

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

```
.border{ border-color:rgb(116, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(116, 149,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7143, 0.3009, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 149, 126) }
```

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

```
.background{ background-color: rgb(116,  
149, 126) }
```

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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