

Converting Colors

$Yxy(26.8496, 0.3010, 0.3543)$

Have a look what the booklet for
Yxy(26.8496, 0.3010, 0.3543)
contains.

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Color

Yxy(26.6985, 0.3004, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	7A9385
RGB	122, 147, 133
RGB Percent	48%, 58%, 52%
CMY	0.5216, 0.4235, 0.4784
CMYK	0.17, 0.00, 0.10, 0.42
HSL	146°, 10%, 53%
HSV	146°, 17%, 58%
XYZ	22.6945, 26.6985, 26.1546
YIQ	137.9290, -10.4060, -9.6540

Conversions

Conversions Part 2

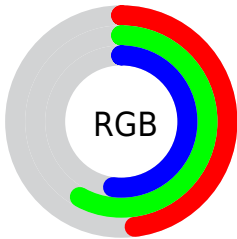
Format	Color
R_{YB}	122, 139, 147
Decimal	8033157
CIE _{Lab}	58.69, -11.77, 4.46
CIE _{LCh}	59, 12.582, 159.249
Yxy	26.6985, 0.3004, 0.3534
Android (android.graphics.Color)	4286223237 (0xFF7A9385)
YUV	137.9290, -2.4300, -13.9697
Hunter-Lab	51.6706, -12.0237, 6.1581

Details

The Yxy color $26.6985, 0.3004, 0.3534$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.8996, 0.3273, 0.3058$, and the grayscale version is $25.4006, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4324, 0.3034, 0.3482$, and $10.4223, 0.2952, 0.3606$ is the 20% darker color. If you saturate the color by 10%, you get $25.4880, 0.2935, 0.3699$, and if you desaturate by 10%, it is $28.0914, 0.3076, 0.3385$.

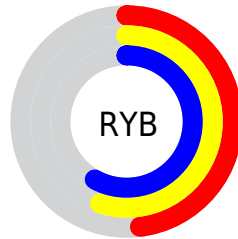
Distribution



Red (48%)

Green (58%)

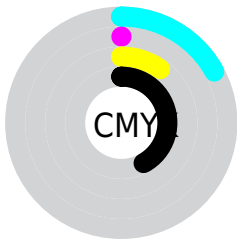
Blue (52%)



Red (48%)

Yellow (55%)

Blue (58%)

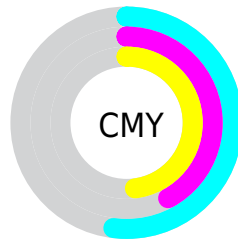


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (42%)



Cyan (52%)


Magenta (42%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6985, 0.3004, 0.3534 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 26.6985, 0.3004, 0.3534 by changing the saturation by 10% instead.

 26.6985, 0.3004,
0.3534


 26.6985, 0.3004,
0.3534


286.1943, 0.3072,
0.3399


 17.3469, 0.2984,
0.3573


 54.3997, 0.3031,
0.3481

 10.4821, 0.2957,
0.3627


 73.5181, 0.3040,
0.3462

 5.7198, 0.2917,
0.3707

 96.6608, 0.3048,
0.3447

 2.6755, 0.2852,
0.3837

124.2124, 0.3054,
0.3434

 0.9647, 0.2695,
0.4143

156.5571, 0.3060,
0.3423

 0.0000, 0.0000,
0.0000

194.0794, 0.3065,

0.3414

237.1637, 0.3069,
0.3406

■ 26.6985, 0.3004,
0.3534

■ 26.6985, 0.3004,
0.3534

■ 25.4880, 0.2935,
0.3699

■ 28.0914, 0.3076,
0.3385

■ 24.4488, 0.2872,
0.3880

■ 29.6704, 0.3149,
0.3252

■ 23.5738, 0.2817,
0.4075

■ 31.4436, 0.3222,
0.3134

■ 22.8541, 0.2773,
0.4281

■ 33.4174, 0.3293,
0.3030

■ 22.2798, 0.2744,
0.4494

■ 35.5979, 0.3361,
0.2938

■ 21.8400, 0.2732,
0.4708

■ 37.9909, 0.3427,
0.2858

■ 21.5219, 0.2739,
0.4916

■ 40.6023, 0.3489,
0.2788

■ 21.3047, 0.2762,
0.5113

■ 43.4373, 0.3549,
0.2727

■ 21.2472, 0.2769,
0.5170

■ 46.5012, 0.3605,
0.2674

Harmonies

Analogous

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



26.6985, 0.3216, 0.3647



26.6985, 0.3004, 0.3534



26.6985, 0.2829, 0.3349

Triad

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



26.6985, 0.3004, 0.3534



26.6985, 0.2845, 0.2938



26.6985, 0.3537, 0.3403

Complementary

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



26.6985, 0.3004, 0.3534



21.8996, 0.3273, 0.3058

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.



26.6985, 0.3431, 0.3223



26.6985, 0.3004, 0.3534



26.6985, 0.3028, 0.2960

Square

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



26.6985, 0.3004, 0.3534



26.6985, 0.2740, 0.3006



26.6985, 0.3243, 0.3063



26.6985, 0.3528, 0.3562

Rectangle

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



26.6985, 0.3004, 0.3534



26.6985, 0.2755, 0.3217



26.6985, 0.3243, 0.3063



26.6985, 0.3514, 0.3343

Sweetspot

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



26.6996, 0.3004, 0.3534



50.8188, 0.3090, 0.3358



27.5214, 0.3256, 0.3714



11.5613, 0.3085, 0.3367



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.



26.6996, 0.3004, 0.3534



47.0400, 0.2980, 0.3588



27.0603, 0.2893, 0.3318



6.5084, 0.3060, 0.3416



18.4246, 0.2766, 0.5159



0.2313, 0.2538, 0.4337

Inverse Universe

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



21.8996, 0.3273, 0.3058



36.9625, 0.3307, 0.3010



21.5694, 0.3420, 0.3263



5.8664, 0.3200, 0.3167



5.9136, 0.4666, 0.2344



0.0783, 0.3897, 0.1921

Previews

White Background



This preview shows how the Yxy color 26.6985, 0.3004, 0.3534 looks on a white background.

Color Contrast Check

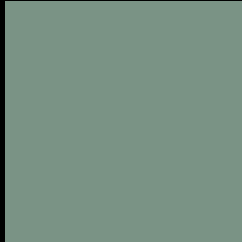
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6985, 0.3004, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

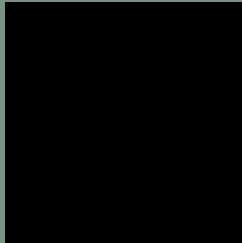
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

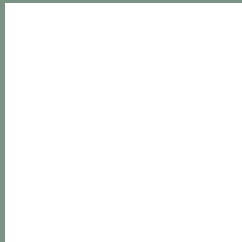
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6985, 0.3004, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 26.6985, 0.3004, 0.3534.



This preview shows how white text looks on a background with the Yxy color 26.6985, 0.3004, 0.3534.

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

26.6985, 0.3004, 0.3534

Protanopia

26.4521, 0.3307, 0.3472

Deuteranopia

26.5257, 0.3376, 0.3307



Tritanopia

26.7487, 0.2844, 0.3106

Trichromacy



Original Color

26.6985, 0.3004, 0.3534

Protanomaly

26.5750, 0.3192, 0.3510

Deuteranomaly

26.4067, 0.3232, 0.3389

Tritanomaly

26.7174, 0.2906, 0.3255

Monochromacy



Original Color

26.6985, 0.3004, 0.3534

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7329, 0.3080, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6985, 0.3004, 0.3534 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(122, 147, 133)` looks like.

```
.text, #text, p{  
    color:rgb(122, 147, 133)  
}
```

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(122, 147, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 147, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.6985, 0.3004, 0.3534 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(122, 147, 133) }
```

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

```
.border{ border-color:rgb(122, 147, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 147, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 147, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 147, 133);  
box-shadow:4px 4px 4px 4px rgb(122, 147,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6985, 0.3004, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 147, 133) }
```

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

```
.background{ background-color: rgb(122,  
147, 133) }
```

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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