

Converting Colors

$Yxy(26.5509, 0.2714, 0.3431)$

Have a look what the booklet for
Yxy(26.5509, 0.2714, 0.3431)
contains.

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Color

Yxy(26.4485, 0.2713, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	63968F
RGB	99, 150, 143
RGB Percent	39%, 59%, 56%
CMY	0.6117, 0.4118, 0.4392
CMYK	0.34, 0.00, 0.05, 0.41
HSL	172°, 20%, 49%
HSV	172°, 34%, 59%
XYZ	21.0116, 26.4485, 29.9879
YIQ	133.9530, -28.1490, -12.9890

Conversions

Conversions Part 2

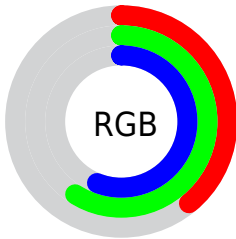
Format	Color
R _Y B	99, 126, 150
Decimal	6526607
CIE _{Lab}	58.46, -18.62, -1.74
CIE _{LCh}	58, 18.704, 185.352
Y _{xy}	26.4485, 0.2713, 0.3415
Android (android.graphics.Color)	4284716687 (0xFF63968F)
Y _{UV}	133.9530, 4.4602, -30.6538
Hunter-Lab	51.4281, -17.0706, 1.4275

Details

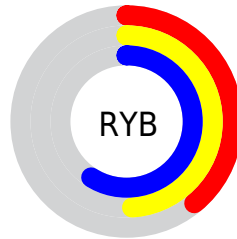
The Yxy color **26.4485, 0.2713, 0.3415** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.4517, 0.3787, 0.3172**, and the grayscale version is **23.8150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8923, 0.2799, 0.3381**, and **10.3670, 0.2566, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **25.6198, 0.2614, 0.3458**, and if you desaturate by 10%, it is **27.4374, 0.2825, 0.3375**.

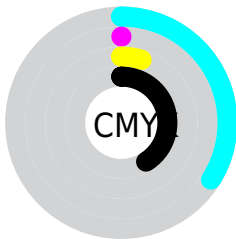
Distribution



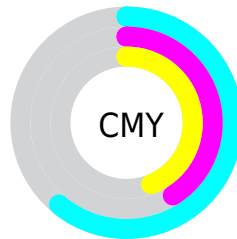
- Red (39%)
- Green (59%)
- Blue (56%)



- Red (39%)
- Yellow (49%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)





- Cyan (61%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4485, 0.2713, 0.3415 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 26.4485, 0.2713, 0.3415 by changing the saturation by 10% instead.


 26.4485, 0.2713,
0.3415


 26.4485, 0.2713,
0.3415


284.9768, 0.2938,
0.3348


 17.1595, 0.2650,
0.3433


 53.9976, 0.2800,
0.3390

 10.3483, 0.2564,
0.3457


 73.0265, 0.2831,
0.3381

 5.6305, 0.2442,
0.3491


 96.0707, 0.2856,
0.3373

 2.6217, 0.2252,
0.3542

 123.5148, 0.2878,
0.3366

 0.9376, 0.1724,
0.3712

155.7430, 0.2896,
0.3361

 0.0000, 0.0000,
0.0000

193.1399, 0.2912,

0.3356

236.0897, 0.2926,
0.3352

■ 26.4485, 0.2713,
0.3415

■ 26.4485, 0.2713,
0.3415

■ 25.6198, 0.2614,
0.3458

■ 27.4374, 0.2825,
0.3375

■ 24.9394, 0.2530,
0.3502

■ 28.5914, 0.2946,
0.3337

■ 24.3988, 0.2463,
0.3549


■ 29.9189, 0.3074,
0.3303

■ 23.9874, 0.2414,
0.3596


■ 31.4272, 0.3208,
0.3272


■ 23.6928, 0.2383,
0.3643

■ 33.1226, 0.3343,
0.3244

 23.5005, 0.2370,
0.3690

 35.0117, 0.3479,
0.3219

 23.4091, 0.2366,
0.3718

 37.1004, 0.3613,
0.3197

 39.3943, 0.3744,
0.3177

 41.8992, 0.3872,
0.3161

Harmonies

Analogous

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



26.4485, 0.2980, 0.3691



26.4485, 0.2713, 0.3415



26.4485, 0.2559, 0.3116

Triad

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



26.4485, 0.2713, 0.3415



26.4485, 0.2937, 0.2797



26.4485, 0.3738, 0.3660

Complementary

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



26.4485, 0.2713, 0.3415



16.4517, 0.3787, 0.3172

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.



26.4485, 0.3731, 0.3415



26.4485, 0.2713, 0.3415



26.4485, 0.3255, 0.2933

Square

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



26.4485, 0.2713, 0.3415



26.4485, 0.2683, 0.2777



26.4485, 0.3550, 0.3154



26.4485, 0.3575, 0.3823

Rectangle

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



26.4485, 0.2713, 0.3415



26.4485, 0.2536, 0.2951



26.4485, 0.3550, 0.3154



26.4485, 0.3756, 0.3584

Sweetspot

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



26.4496, 0.2713, 0.3415



51.3095, 0.2994, 0.3324



25.8187, 0.3156, 0.4248



11.3068, 0.2978, 0.3328



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.



26.4496, 0.2713, 0.3415



45.5100, 0.2634, 0.3448



21.4004, 0.2617, 0.2959



6.5487, 0.3007, 0.3320



19.4186, 0.2365, 0.3715



0.2407, 0.2302, 0.3486

Inverse Universe

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



16.4517, 0.3787, 0.3172



25.0415, 0.4014, 0.3144



20.0753, 0.3794, 0.3597



5.8276, 0.3262, 0.3260



5.4243, 0.6178, 0.3177



0.0689, 0.5402, 0.2749

Previews

White Background



This preview shows how the Yxy color 26.4485, 0.2713, 0.3415 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 26.4485, 0.2713, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

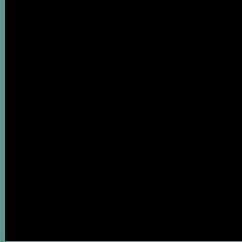
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4485, 0.2713, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 26.4485, 0.2713, 0.3415.



This preview shows how white text looks on a background with the Yxy color 26.4485, 0.2713, 0.3415.

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

26.4485, 0.2713, 0.3415

Protanopia

26.1110, 0.3191, 0.3323

Deuteranopia

26.2630, 0.3190, 0.3131



Tritanopia

26.5666, 0.2617, 0.3098

Trichromacy



Original Color

26.4485, 0.2713, 0.3415

Protanomaly

26.0210, 0.2999, 0.3358

Deuteranomaly

25.9996, 0.2993, 0.3222

Tritanomaly

26.6196, 0.2657, 0.3218

Monochromacy



Original Color

26.4485, 0.2713, 0.3415

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.6273, 0.2956, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4485, 0.2713, 0.3415 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(99, 150, 143)` looks like.

```
.text, #text, p{  
  color:rgb(99, 150, 143)  
}
```

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(99, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 150, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.4485, 0.2713, 0.3415 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(99, 150, 143) }
```

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

```
.border{ border-color:rgb(99, 150, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(99, 150,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4485, 0.2713, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 150, 143) }
```

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

```
.background{ background-color: rgb(99, 150,  
143) }
```

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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