

Converting Colors

$Y_{xy}(26.1314, 0.2836, 0.3581)$

Have a look what the booklet for
Yxy(26.1314, 0.2836, 0.3581)
contains.

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Color

Yxy(26.1314, 0.2836, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	689585
RGB	104, 149, 133
RGB Percent	41%, 58%, 52%
CMY	0.5919, 0.4157, 0.4784
CMYK	0.30, 0.00, 0.11, 0.42
HSL	159°, 18%, 50%
HSV	159°, 30%, 58%
XYZ	20.6950, 26.1314, 26.1460
YIQ	133.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

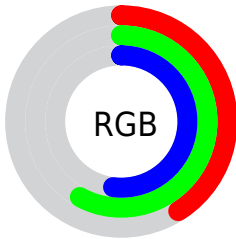
Format	Color
RYB	104, 131, 149
Decimal	6854021
CIELab	58.16, -18.86, 3.55
CIELCh	58, 19.193, 169.331
Yxy	26.1314, 0.2836, 0.3581
Android (android.graphics.Color)	4285044101 (0xFF689585)
YUV	133.7210, -0.3555, -26.0653
Hunter-Lab	51.1189, -17.1941, 5.4579

Details

The Yxy color **26.1314, 0.2836, 0.3581** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6574, 0.3546, 0.3019**, and the grayscale version is **23.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3250, 0.2896, 0.3515**, and **10.1877, 0.2725, 0.3680** is the 20% darker color. If you saturate the color by 10%, you get **25.1749, 0.2753, 0.3695**, and if you desaturate by 10%, it is **27.2550, 0.2927, 0.3475**.

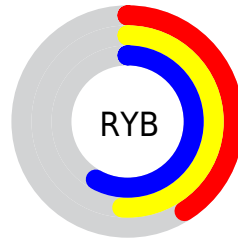
Distribution



Red (41%)

Green (58%)

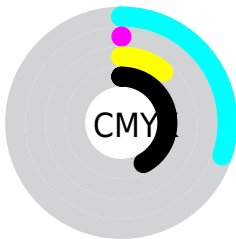
Blue (52%)



Red (41%)

Yellow (51%)

Blue (58%)

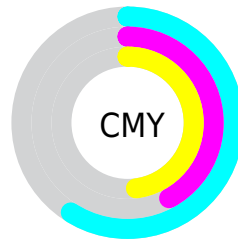


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (42%)



Cyan (59%)


Magenta (42%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1314, 0.2836, 0.3581 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 26.1314, 0.2836, 0.3581 by changing the saturation by 10% instead.


 26.1314, 0.2836,
0.3581


 26.1314, 0.2836,
0.3581


283.4265, 0.2997,
0.3419


 16.9220, 0.2790,
0.3628


 53.4869, 0.2899,
0.3518

 10.1789, 0.2727,
0.3694


 72.4017, 0.2921,
0.3495

 5.5177, 0.2634,
0.3790

 95.3204, 0.2939,
0.3477

 2.5541, 0.2487,
0.3947

 122.6274, 0.2954,
0.3461

 0.9037, 0.1955,
0.4435

154.7071, 0.2967,
0.3448

 0.0000, 0.0000,
0.0000

191.9440, 0.2978,

0.3437

234.7223, 0.2988,
0.3428

■ 26.1314, 0.2836,
0.3581

■ 26.1314, 0.2836,
0.3581

■ 25.1749, 0.2753,
0.3695

■ 27.2550, 0.2927,
0.3475

■ 24.3738, 0.2683,
0.3817

■ 28.5504, 0.3025,
0.3379

■ 23.7202, 0.2626,
0.3946

■ 30.0257, 0.3126,
0.3291

■ 23.2038, 0.2587,
0.4078

■ 31.6879, 0.3228,
0.3213

■ 22.8132, 0.2566,
0.4212

■ 33.5435, 0.3330,
0.3143

■ 22.5349, 0.2565,
0.4346

■ 35.5987, 0.3431,
0.3082

■ 22.3369, 0.2577,
0.4477

■ 37.8593, 0.3528,
0.3028

■ 40.3310, 0.3623,
0.2980

■ 43.0192, 0.3714,
0.2939

Harmonies

Analogous

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



26.1314, 0.3147, 0.3808



26.1314, 0.2836, 0.3581



26.1314, 0.2610, 0.3271

Triad

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



26.1314, 0.2836, 0.3581



26.1314, 0.2779, 0.2756



26.1314, 0.3776, 0.3541

Complementary

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



26.1314, 0.2836, 0.3581



17.6574, 0.3546, 0.3019

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.



26.1314, 0.3670, 0.3272



26.1314, 0.2836, 0.3581



26.1314, 0.3080, 0.2835

Square

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



26.1314, 0.2836, 0.3581



26.1314, 0.2579, 0.2806



26.1314, 0.3409, 0.3020



26.1314, 0.3698, 0.3764

Rectangle

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



26.1314, 0.2836, 0.3581



26.1314, 0.2532, 0.3073



26.1314, 0.3409, 0.3020



26.1314, 0.3761, 0.3453

Sweetspot

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



26.1325, 0.2836, 0.3581



51.3799, 0.3034, 0.3370



26.5242, 0.3256, 0.4099



11.3131, 0.3021, 0.3382



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.



26.1325, 0.2836, 0.3581



45.6460, 0.2781, 0.3655



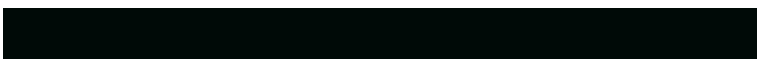
24.7611, 0.2693, 0.3182



6.5276, 0.3034, 0.3370



18.8076, 0.2574, 0.4468



0.2358, 0.2409, 0.3872

Inverse Universe

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



17.6574, 0.3546, 0.3019



28.0313, 0.3673, 0.2957



18.5513, 0.3747, 0.3395



5.8474, 0.3230, 0.3212



5.5993, 0.5496, 0.2801



0.0738, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 26.1314, 0.2836, 0.3581 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 26.1314, 0.2836, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

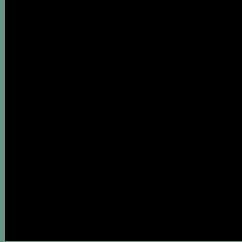
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1314, 0.2836, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 26.1314, 0.2836, 0.3581.

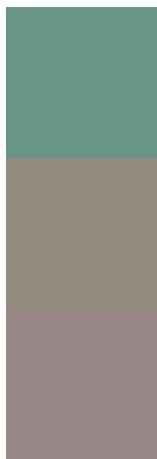


This preview shows how white text looks on a background with the Yxy color 26.1314, 0.2836, 0.3581.

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

26.1314, 0.2836, 0.3581

Protanopia

26.0435, 0.3308, 0.3473

Deuteranopia

25.9755, 0.3332, 0.3275



Tritanopia

25.9363, 0.2675, 0.3081

Trichromacy



Original Color

26.1314, 0.2836, 0.3581

Protanomaly

26.0025, 0.3117, 0.3515

Deuteranomaly

25.7397, 0.3134, 0.3375

Tritanomaly

25.8217, 0.2733, 0.3253

Monochromacy



Original Color

26.1314, 0.2836, 0.3581

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3974, 0.3005, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1314, 0.2836, 0.3581 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, 149, 133)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 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(104, 149, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.1314, 0.2836, 0.3581 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, 149, 133) }
```

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

```
.border{ border-color:rgb(104, 149, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 149, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 133);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1314, 0.2836, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 133) }
```

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

```
.background{ background-color: rgb(104,  
149, 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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