

Converting Colors

$Y_{xy}(26.5284, 0.2874, 0.3336)$

Have a look what the booklet for
Yxy(26.5284, 0.2874, 0.3336)
contains.

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Color

Yxy(26.4229, 0.2866, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	769290
RGB	118, 146, 144
RGB Percent	46%, 57%, 56%
CMY	0.5373, 0.4274, 0.4353
CMYK	0.19, 0.00, 0.01, 0.43
HSL	176°, 11%, 52%
HSV	176°, 19%, 57%
XYZ	22.7822, 26.4229, 30.2862
YIQ	137.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

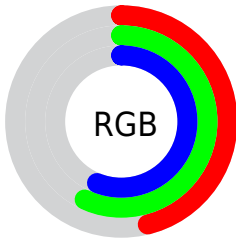
Format	Color
R_{YB}	118, 133, 146
Decimal	7770768
CIE _{Lab}	58.44, -10.25, -2.22
CIE _{LCh}	58, 10.492, 192.193
Yxy	26.4229, 0.2866, 0.3324
Android (android.graphics.Color)	4285960848 (0xFF769290)
YUV	137.4000, 3.2538, -17.0138
Hunter-Lab	51.4032, -10.8434, 1.0493

Details

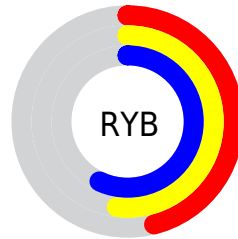
The Yxy color $26.4229, 0.2866, 0.3324$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $20.4196, 0.3464, 0.3257$, and the grayscale version is $25.1668, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0437, 0.2922, 0.3315$, and $10.2578, 0.2769, 0.3315$ is the 20% darker color. If you saturate the color by 10%, you get $25.4481, 0.2743, 0.3344$, and if you desaturate by 10%, it is $27.5584, 0.2999, 0.3306$.

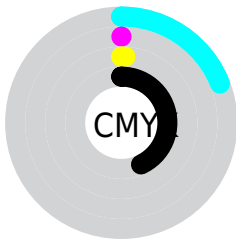
Distribution



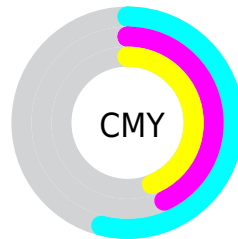
- Red (46%)
- Green (57%)
- Blue (56%)



- Red (46%)
- Yellow (52%)
- Blue (57%)



- Cyan (19%)
- Magenta (0%)
- Yellow (1%)
- Black (43%)



- Cyan (54%)
- Magenta (43%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4229, 0.2866, 0.3324 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 26.4229, 0.2866, 0.3324 by changing the saturation by 10% instead.


 26.4229, 0.2866,
0.3324


 26.4229, 0.2866,
0.3324


284.8519, 0.3008,
0.3306


 17.1403, 0.2826,
0.3329


 53.9564, 0.2921,
0.3317

 10.3346, 0.2772,
0.3334


 72.9761, 0.2940,
0.3315

 5.6213, 0.2693,
0.3342

 96.0102, 0.2957,
0.3313

 2.6162, 0.2571,
0.3353

123.4433, 0.2970,
0.3311

 0.9348, 0.2310,
0.3388

155.6595, 0.2982,
0.3310

 0.0000, 0.0000,
0.0000

193.0435, 0.2992,

0.3309

235.9795, 0.3001,
0.3307

■ 26.4229, 0.2866,
0.3324

■ 26.4229, 0.2866,
0.3324

■ 25.4481, 0.2743,
0.3344

■ 27.5584, 0.2999,
0.3306

■ 24.6235, 0.2631,
0.3365

■ 28.8581, 0.3139,
0.3289

■ 23.9423, 0.2535,
0.3387

■ 30.3295, 0.3282,
0.3273

■ 23.3960, 0.2454,
0.3410

■ 31.9787, 0.3428,
0.3260

■ 22.9753, 0.2392,
0.3433

■ 33.8114, 0.3574,
0.3248

■ 22.6693, 0.2348,
0.3457

■ 35.8331, 0.3717,
0.3237

■ 22.4658, 0.2321,
0.3480

■ 38.0491, 0.3857,
0.3228

■ 22.3354, 0.2308,
0.3504

■ 40.4645, 0.3992,
0.3220

■ 22.3255, 0.2307,
0.3505

■ 43.0841, 0.4122,
0.3214

Harmonies

Analogous

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



26.4229, 0.3008, 0.3480



26.4229, 0.2866, 0.3324



26.4229, 0.2793, 0.3163

Triad

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



26.4229, 0.2866, 0.3324



26.4229, 0.3062, 0.3018



26.4229, 0.3456, 0.3530

Complementary

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



26.4229, 0.2866, 0.3324



20.4196, 0.3464, 0.3257

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.



26.4229, 0.3473, 0.3401



26.4229, 0.2866, 0.3324



26.4229, 0.3242, 0.3111

Square

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



26.4229, 0.2866, 0.3324



26.4229, 0.2904, 0.2993



26.4229, 0.3394, 0.3249



26.4229, 0.3350, 0.3598

Rectangle

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



26.4229, 0.2866, 0.3324



26.4229, 0.2793, 0.3077



26.4229, 0.3394, 0.3249



26.4229, 0.3473, 0.3492

Sweetspot

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



26.4240, 0.2866, 0.3324



49.2839, 0.3041, 0.3300



25.8833, 0.3128, 0.3794



10.9361, 0.3034, 0.3301



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.4240, 0.2866, 0.3324



45.8413, 0.2812, 0.3332



23.0672, 0.2837, 0.3083



6.5552, 0.2999, 0.3306



19.6458, 0.2307, 0.3504



0.2422, 0.2274, 0.3387

Inverse Universe

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



20.4196, 0.3464, 0.3257



33.2736, 0.3560, 0.3249



23.2938, 0.3454, 0.3489



5.8217, 0.3272, 0.3275



5.3993, 0.6295, 0.3241



0.0674, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 26.4229, 0.2866, 0.3324 looks on a white background.

Color Contrast Check

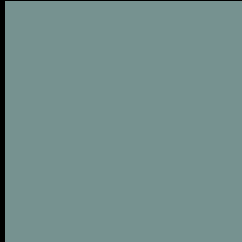
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4229, 0.2866, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

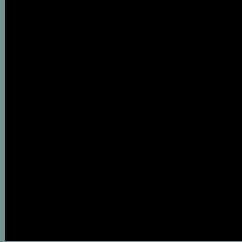
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

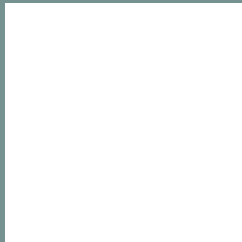
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4229, 0.2866, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 26.4229, 0.2866, 0.3324.



This preview shows how white text looks on a background with the Yxy color 26.4229, 0.2866, 0.3324.

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

26.4229, 0.2866, 0.3324

Protanopia

26.1983, 0.3161, 0.3274

Deuteranopia

26.2630, 0.3190, 0.3131



Tritanopia

26.3399, 0.2779, 0.3086

Trichromacy



Original Color

26.4229, 0.2866, 0.3324

Protanomaly

26.3374, 0.3052, 0.3307

Deuteranomaly

26.2895, 0.3067, 0.3207

Tritanomaly

26.4397, 0.2805, 0.3170

Monochromacy



Original Color

26.4229, 0.2866, 0.3324

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.3954, 0.3021, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4229, 0.2866, 0.3324 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(118, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(118, 146, 144)  
}
```

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(118, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 146, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.4229, 0.2866, 0.3324 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(118, 146, 144) }
```

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

```
.border{ border-color:rgb(118, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(118, 146,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4229, 0.2866, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 146, 144) }
```

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

```
.background{ background-color: rgb(118,  
146, 144) }
```

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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