

Converting Colors

$Yxy(26.8304, 0.2697, 0.3377)$

Have a look what the booklet for
Yxy(26.8304, 0.2697, 0.3377)
contains.

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Color

Yxy(26.9179, 0.2699, 0.3378)

Conversions

Conversions Part 1

Format	Color
Hex	649792
RGB	100, 151, 146
RGB Percent	39%, 59%, 57%
CMY	0.6080, 0.4078, 0.4274
CMYK	0.34, 0.00, 0.03, 0.41
HSL	174°, 20%, 49%
HSV	174°, 34%, 59%
XYZ	21.5072, 26.9179, 31.2608
YIQ	135.1810, -28.7910, -12.3670

Conversions

Conversions Part 2

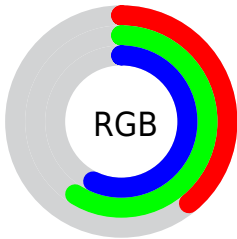
Format	Color
RYB	100, 127, 151
Decimal	6592402
CIELab	58.90, -18.15, -2.81
CIElCh	59, 18.367, 188.785
Yxy	26.9179, 0.2699, 0.3378
Android (android.graphics.Color)	4284782482 (0xFF649792)
YUV	135.1810, 5.3338, -30.8537
Hunter-Lab	51.8825, -16.7994, 0.5937

Details

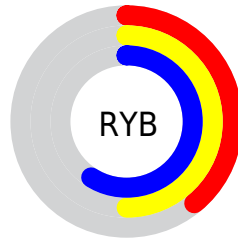
The Yxy color **26.9179, 0.2699, 0.3378** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.7048, 0.3813, 0.3206**, and the grayscale version is **24.2842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6051, 0.2788, 0.3354**, and **10.6118, 0.2540, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **26.0910, 0.2596, 0.3408**, and if you desaturate by 10%, it is **27.9072, 0.2815, 0.3350**.

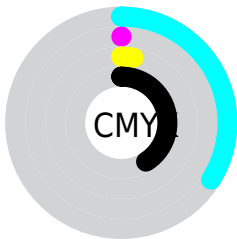
Distribution



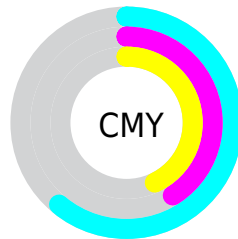
- Red (39%)
- Green (59%)
- Blue (57%)



- Red (39%)
- Yellow (50%)
- Blue (59%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (41%)





- Cyan (61%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9179, 0.2699, 0.3378 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 26.9179, 0.2699, 0.3378 by changing the saturation by 10% instead.


 26.9179, 0.2699,
0.3378


 26.9179, 0.2699,
0.3378


287.2594, 0.2931,
0.3332


 17.5116, 0.2635,
0.3390


 54.7521, 0.2788,
0.3361


 10.5999, 0.2547,
0.3405


 73.9488, 0.2820,
0.3355

 5.7985, 0.2423,
0.3426

 97.1776, 0.2846,
0.3350

 2.7229, 0.2233,
0.3455

 124.8232, 0.2869,
0.3345

 0.9889, 0.1772,
0.3552

157.2697, 0.2888,
0.3341

 0.0000, 0.0000,
0.0000

194.9017, 0.2904,

0.3338

238.1034, 0.2918,
0.3335

■ 26.9179, 0.2699,
0.3378

■ 26.9179, 0.2699,
0.3378

■ 26.0910, 0.2596,
0.3408

■ 27.9072, 0.2815,
0.3350

■ 25.4143, 0.2509,
0.3439

■ 29.0637, 0.2941,
0.3323

■ 24.8793, 0.2439,
0.3472

■ 30.3962, 0.3075,
0.3299

■ 24.4751, 0.2387,
0.3505

■ 31.9117, 0.3214,
0.3277

■ 24.1893, 0.2353,
0.3538

■ 33.6171, 0.3355,
0.3257

■ 24.0071, 0.2336,
0.3570

■ 35.5186, 0.3497,
0.3239

■ 23.9206, 0.2331,
0.3590

■ 37.6225, 0.3638,
0.3223

■ 39.9345, 0.3775,
0.3210

■ 42.4603, 0.3909,
0.3198

Harmonies

Analogous

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



26.9179, 0.2950, 0.3655



26.9179, 0.2699, 0.3378



26.9179, 0.2563, 0.3090

Triad

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



26.9179, 0.2699, 0.3378



26.9179, 0.2975, 0.2818



26.9179, 0.3713, 0.3675

Complementary

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



26.9179, 0.2699, 0.3378



16.7048, 0.3813, 0.3206

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.



26.9179, 0.3726, 0.3442



26.9179, 0.2699, 0.3378



26.9179, 0.3288, 0.2962

Square

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



26.9179, 0.2699, 0.3378



26.9179, 0.2716, 0.2785



26.9179, 0.3568, 0.3185



26.9179, 0.3538, 0.3821

Rectangle

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



26.9179, 0.2699, 0.3378



26.9179, 0.2551, 0.2937



26.9179, 0.3568, 0.3185



26.9179, 0.3737, 0.3604

Sweetspot

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



26.9190, 0.2699, 0.3378



52.8659, 0.2988, 0.3314



26.0627, 0.3131, 0.4250



11.9475, 0.2971, 0.3317



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.9190, 0.2699, 0.3378



46.9915, 0.2616, 0.3402



21.0635, 0.2613, 0.2913



7.0161, 0.3001, 0.3312



20.3491, 0.2330, 0.3588



0.3068, 0.2290, 0.3442

Inverse Universe

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



16.7048, 0.3813, 0.3206



25.6865, 0.4057, 0.3187



21.0233, 0.3776, 0.3637



6.2320, 0.3269, 0.3269



5.6282, 0.6256, 0.3220



0.0864, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 26.9179, 0.2699, 0.3378 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 26.9179, 0.2699, 0.3378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

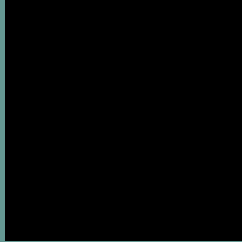
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9179, 0.2699, 0.3378

Background



This preview shows how black text looks on a background with the Yxy color 26.9179, 0.2699, 0.3378.



This preview shows how white text looks on a background with the Yxy color 26.9179, 0.2699, 0.3378.

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

26.9179, 0.2699, 0.3378

Protanopia

26.5789, 0.3171, 0.3290

Deuteranopia

26.6406, 0.3158, 0.3101



Tritanopia

27.0112, 0.2612, 0.3083

Trichromacy



Original Color

26.9179, 0.2699, 0.3378

Protanomaly

26.4887, 0.2981, 0.3324

Deuteranomaly

26.3897, 0.2965, 0.3189

Tritanomaly

27.0966, 0.2644, 0.3184

Monochromacy



Original Color

26.9179, 0.2699, 0.3378

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.0514, 0.2948, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9179, 0.2699, 0.3378 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(100, 151, 146)` looks like.

```
.text, #text, p{  
    color:rgb(100, 151, 146)  
}
```

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(100, 151, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 151, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.9179, 0.2699, 0.3378 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(100, 151, 146) }
```

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

```
.border{ border-color:rgb(100, 151, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 151, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 151, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 151, 146);  
box-shadow:4px 4px 4px 4px rgb(100, 151,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9179, 0.2699, 0.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 151, 146) }
```

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

```
.background{ background-color: rgb(100,  
151, 146) }
```

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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