

Converting Colors

$Yxy(26.7957, 0.2659, 0.3827)$

Have a look what the booklet for
Yxy(26.7957, 0.2659, 0.3827)
contains.

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Color

Yxy(26.7913, 0.2658, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	4A9C80
RGB	74, 156, 128
RGB Percent	29%, 61%, 50%
CMY	0.7098, 0.3882, 0.4981
CMYK	0.53, 0.00, 0.18, 0.39
HSL	160°, 36%, 45%
HSV	160°, 53%, 61%
XYZ	18.6076, 26.7913, 24.6071
YIQ	128.2900, -39.8840, -26.0920

Conversions

Conversions Part 2

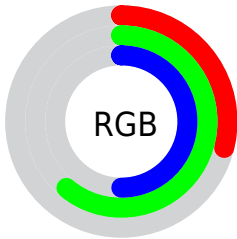
Format	Color
RYB	74, 123, 156
Decimal	4889728
CIELab	58.78, -32.00, 7.11
CIElCh	59, 32.784, 167.476
Yxy	26.7913, 0.2658, 0.3827
Android (android.graphics.Color)	4283079808 (0xFF4A9C80)
YUV	128.2900, -0.1430, -47.6123
Hunter-Lab	51.7603, -26.4106, 8.0455

Details

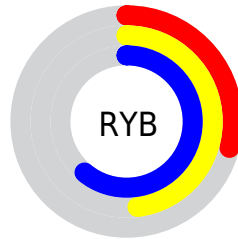
The Yxy color **26.7913, 0.2658, 0.3827** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.9251, 0.4072, 0.2836**, and the grayscale version is **21.7030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5919, 0.2761, 0.3704**, and **10.5168, 0.2479, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **26.1114, 0.2605, 0.3951**, and if you desaturate by 10%, it is **27.6342, 0.2727, 0.3708**.

Distribution



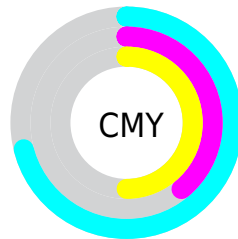
- Red (29%)
- Green (61%)
- Blue (50%)



- Red (29%)
- Yellow (48%)
- Blue (61%)



- Cyan (53%)
- Magenta (0%)
- Yellow (18%)
- Black (39%)





- Cyan (71%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7913, 0.2658, 0.3827 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 26.7913, 0.2658, 0.3827 by changing the saturation by 10% instead.


 26.7913, 0.2658,
0.3827


 26.7913, 0.2658,
0.3827


286.6452, 0.2918,
0.3525


 17.4165, 0.2583,
0.3916


 54.5488, 0.2759,
0.3708


 10.5319, 0.2481,
0.4040


 73.7003, 0.2795,
0.3666

 5.7530, 0.2331,
0.4225

 96.8795, 0.2825,
0.3632

 2.6955, 0.2094,
0.4529

 124.4709, 0.2849,
0.3603

 0.9749, 0.0850,
0.5807

 156.8587, 0.2870,
0.3579

 0.0000, 0.0000,
0.0000

194.4275, 0.2888,

0.3559

237.5615, 0.2904,
0.3541

■ 26.7913, 0.2658,
0.3827

■ 26.7913, 0.2658,
0.3827

■ 26.1114, 0.2605,
0.3951

■ 27.6342, 0.2727,
0.3708

■ 25.5797, 0.2569,
0.4079

■ 28.6475, 0.2808,
0.3596

■ 25.1840, 0.2552,
0.4209

■ 29.8418, 0.2900,
0.3492

■ 24.9083, 0.2555,
0.4337

■ 31.2259, 0.2998,
0.3397

■ 24.7519, 0.2564,
0.4432

■ 32.8082, 0.3100,
0.3311

■ 34.5963, 0.3205,
0.3233

■ 36.5977, 0.3310,
0.3164

■ 38.8194, 0.3413,
0.3103

■ 41.2679, 0.3515,
0.3049

Harmonies

Analogous

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



26.7913, 0.3173, 0.4218



26.7913, 0.2658, 0.3827



26.7913, 0.2289, 0.3271

Triad

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



26.7913, 0.2658, 0.3827



26.7913, 0.2519, 0.2422



26.7913, 0.4228, 0.3644

Complementary

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



26.7913, 0.2658, 0.3827



12.9251, 0.4072, 0.2836

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.



26.7913, 0.4031, 0.3213



26.7913, 0.2658, 0.3827



26.7913, 0.3002, 0.2543

Square

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



26.7913, 0.2658, 0.3827



26.7913, 0.2219, 0.2496



26.7913, 0.3565, 0.2824



26.7913, 0.4096, 0.4037

Rectangle

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



26.7913, 0.2658, 0.3827



26.7913, 0.2162, 0.2928



26.7913, 0.3565, 0.2824



26.7913, 0.4199, 0.3500

Sweetspot

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



26.7924, 0.2658, 0.3827



55.7276, 0.2960, 0.3432



27.1387, 0.3304, 0.4799



12.1576, 0.2942, 0.3450



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.7924, 0.2658, 0.3827



47.2422, 0.2597, 0.3973



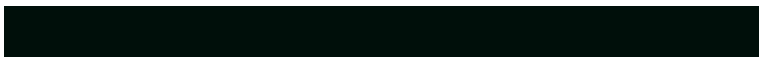
23.7130, 0.2419, 0.3059



7.4709, 0.3031, 0.3368



20.3933, 0.2562, 0.4423



0.3723, 0.2420, 0.3912

Inverse Universe

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



12.9251, 0.4072, 0.2836



19.2762, 0.4416, 0.2763



14.2659, 0.4482, 0.3494



6.6817, 0.3233, 0.3214



6.0418, 0.5558, 0.2835



0.1156, 0.4553, 0.2282

Previews

White Background



This preview shows how the Yxy color 26.7913, 0.2658, 0.3827 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 26.7913, 0.2658, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

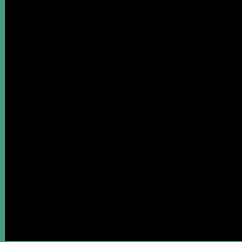
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7913, 0.2658, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 26.7913, 0.2658, 0.3827.



This preview shows how white text looks on a background with the Yxy color 26.7913, 0.2658, 0.3827.

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

26.7913, 0.2658, 0.3827

Protanopia

26.4081, 0.3425, 0.3621

Deuteranopia

26.4424, 0.3409, 0.3354



Tritanopia

26.7089, 0.2468, 0.3077

Trichromacy



Original Color

26.7913, 0.2658, 0.3827

Protanomaly

26.0528, 0.3087, 0.3700

Deuteranomaly

25.7956, 0.3075, 0.3499

Tritanomaly

26.7338, 0.2537, 0.3343

Monochromacy



Original Color

26.7913, 0.2658, 0.3827

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.9236, 0.2908, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7913, 0.2658, 0.3827 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(74, 156, 128)` looks like.

```
.text, #text, p{  
  color:rgb(74, 156, 128)  
}
```

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(74, 156, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 156, 128) }
```

Border

The CSS property to change the border of an element to Yxy 26.7913, 0.2658, 0.3827 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(74, 156, 128) }
```

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

```
.border{ border-color:rgb(74, 156, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 156, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 156, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 156, 128);  
box-shadow:4px 4px 4px 4px rgb(74, 156,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7913, 0.2658, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 156, 128) }
```

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

```
.background{ background-color: rgb(74, 156,  
128) }
```

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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