

Converting Colors

$Yxy(26.5632, 0.2568, 0.3808)$

Have a look what the booklet for
Yxy(26.5632, 0.2568, 0.3808)
contains.

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Color

Yxy(26.7177, 0.2571, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	3D9D82
RGB	61, 157, 130
RGB Percent	24%, 62%, 51%
CMY	0.7608, 0.3843, 0.4902
CMYK	0.61, 0.00, 0.17, 0.38
HSL	163°, 44%, 43%
HSV	163°, 61%, 62%
XYZ	18.0103, 26.7177, 25.3237
YIQ	125.2180, -48.5490, -28.7490

Conversions

Conversions Part 2

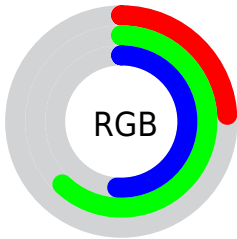
Format	Color
RYB	61, 117, 157
Decimal	4038018
CIELab	58.71, -34.85, 5.82
CIElCh	59, 35.331, 170.519
Yxy	26.7177, 0.2571, 0.3814
Android (android.graphics.Color)	4282228098 (0xFF3D9D82)
YUV	125.2180, 2.3575, -56.3192
Hunter-Lab	51.6892, -28.2605, 7.1349

Details

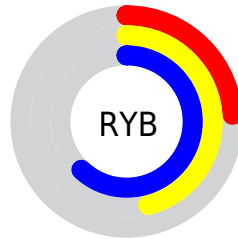
The Yxy color $26.7177, 0.2571, 0.3814$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $11.2113, 0.4441, 0.2872$, and the grayscale version is $20.5903, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3574, 0.2689, 0.3695$, and $10.6972, 0.2445, 0.4001$ is the 20% darker color. If you saturate the color by 10%, you get $26.1752, 0.2528, 0.3917$, and if you desaturate by 10%, it is $27.4132, 0.2632, 0.3714$.

Distribution



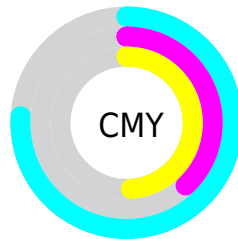
- Red (24%)
- Green (62%)
- Blue (51%)



- Red (24%)
- Yellow (46%)
- Blue (62%)



- Cyan (61%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)




- Cyan (76%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7177, 0.2571, 0.3814 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 26.7177, 0.2571, 0.3814 by changing the saturation by 10% instead.


 26.7177, 0.2571,
0.3814


 26.7177, 0.2571,
0.3814


286.2877, 0.2877,
0.3520


 17.3613, 0.2484,
0.3900


 54.4305, 0.2690,
0.3699


 10.4924, 0.2365,
0.4020


 73.5558, 0.2732,
0.3658


 5.7267, 0.2193,
0.4197

 96.7061, 0.2767,
0.3625

 2.6796, 0.1924,
0.4484

 124.2659, 0.2796,
0.3597

 0.9668, 0.0394,
0.5768

 156.6195, 0.2821,
0.3573

 0.0000, 0.0000,
0.0000

194.1515, 0.2842,

0.3553

237.2460, 0.2861,
0.3536

■ 26.7177, 0.2571,
0.3814

■ 26.7177, 0.2571,
0.3814

■ 26.1752, 0.2528,
0.3917

■ 27.4132, 0.2632,
0.3714

■ 25.7694, 0.2503,
0.4021

■ 28.2703, 0.2708,
0.3618

■ 25.4858, 0.2498,
0.4126

■ 29.3004, 0.2797,
0.3528

■ 25.3034, 0.2505,
0.4218

■ 30.5131, 0.2897,
0.3444

■ 31.9173, 0.3003,
0.3367

■ 33.5213, 0.3114,
0.3298

■ 35.3327, 0.3228,
0.3235

■ 37.3591, 0.3342,
0.3179

■ 39.6074, 0.3455,
0.3129

Harmonies

Analogous

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



26.7177, 0.3113, 0.4271



26.7177, 0.2571, 0.3814



26.7177, 0.2200, 0.3205

Triad

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



26.7177, 0.2571, 0.3814



26.7177, 0.2518, 0.2366



26.7177, 0.4314, 0.3708

Complementary

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



26.7177, 0.2571, 0.3814



11.2113, 0.4441, 0.2872

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.



26.7177, 0.4140, 0.3248



26.7177, 0.2571, 0.3814



26.7177, 0.3050, 0.2515

Square

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



26.7177, 0.2571, 0.3814



26.7177, 0.2177, 0.2420



26.7177, 0.3658, 0.2827



26.7177, 0.4135, 0.4123

Rectangle

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



26.7177, 0.2571, 0.3814



26.7177, 0.2084, 0.2847



26.7177, 0.3658, 0.2827



26.7177, 0.4297, 0.3555

Sweetspot

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



26.7188, 0.2571, 0.3814



55.3119, 0.2926, 0.3422



26.5367, 0.3251, 0.5091



12.0279, 0.2897, 0.3444



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.



26.7188, 0.2571, 0.3814



46.6124, 0.2518, 0.3951



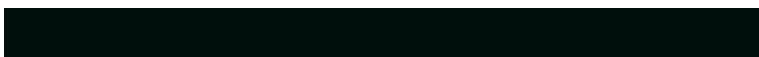
21.0924, 0.2307, 0.2889



7.4776, 0.3024, 0.3354



20.5566, 0.2503, 0.4209



0.3743, 0.2388, 0.3796

Inverse Universe

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



11.2113, 0.4441, 0.2872



16.4401, 0.4914, 0.2842



13.5106, 0.4753, 0.3617



6.6753, 0.3242, 0.3227



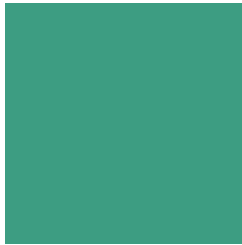
5.9762, 0.5777, 0.2956



0.1135, 0.4771, 0.2402

Previews

White Background



This preview shows how the Yxy color 26.7177, 0.2571, 0.3814 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 26.7177, 0.2571, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

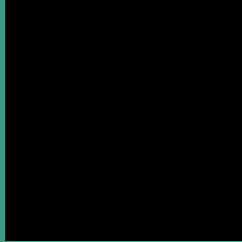
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7177, 0.2571, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 26.7177, 0.2571, 0.3814.



This preview shows how white text looks on a background with the Yxy color 26.7177, 0.2571, 0.3814.

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

26.7177, 0.2571, 0.3814

Protanopia

26.3397, 0.3403, 0.3605

Deuteranopia

26.4255, 0.3364, 0.3307



Tritanopia

26.6289, 0.2393, 0.3057

Trichromacy



Original Color

26.7177, 0.2571, 0.3814

Protanomaly

25.7260, 0.3027, 0.3687

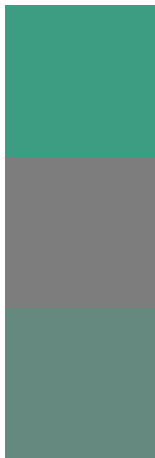
Deuteranomaly

25.7049, 0.2994, 0.3484

Tritanomaly

26.6434, 0.2456, 0.3325

Monochromacy



Original Color

26.7177, 0.2571, 0.3814

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.2484, 0.2856, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7177, 0.2571, 0.3814 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(61, 157, 130)` looks like.

```
.text, #text, p{  
    color:rgb(61, 157, 130)  
}
```

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(61, 157, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 157, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.7177, 0.2571, 0.3814 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(61, 157, 130) }
```

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

```
.border{ border-color:rgb(61, 157, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 157, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 157, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 157, 130);  
box-shadow:4px 4px 4px 4px rgb(61, 157,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7177, 0.2571, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 157, 130) }
```

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

```
.background{ background-color: rgb(61, 157,  
130) }
```

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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