

Converting Colors

$Yxy(26.8394, 0.2806, 0.4187)$

Have a look what the booklet for
Yxy(26.8394, 0.2806, 0.4187)
contains.

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Color

Yxy(26.8394, 0.2806, 0.4187)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4D9D6F |
| RGB | 77, 157, 111 |
| RGB Percent | 30%, 62%, 44% |
| CMY | 0.6981, 0.3843, 0.5646 |
| CMYK | 0.51, 0.00, 0.29, 0.38 |
| HSL | 146°, 34%, 46% |
| HSV | 146°, 51%, 62% |
| XYZ | 17.9869, 26.8394, 19.2754 |
| YIQ | 127.8360, -32.9140, -31.2660 |

Conversions

Conversions Part 2

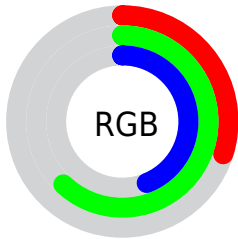
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 77, 133, 157 |
| Decimal | 5086575 |
| CIELab | 58.83, -35.46, 16.71 |
| CIElCh | 59, 39.201, 154.769 |
| Yxy | 26.8394, 0.2806, 0.4187 |
| Android (android.graphics.Color) | 4283276655 (0xFF4D9D6F) |
| YUV | 127.8360, -8.3001, -44.5832 |
| Hunter-Lab | 51.8068, -28.6879, 14.2051 |

Details

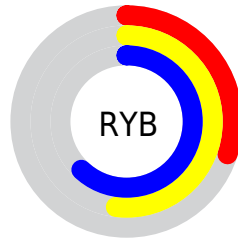
The Yxy color **26.8394, 0.2806, 0.4187** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.9050, 0.3701, 0.2556**, and the grayscale version is **21.5648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5566, 0.2881, 0.3977**, and **10.5812, 0.2666, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **26.0755, 0.2769, 0.4404**, and if you desaturate by 10%, it is **27.7832, 0.2855, 0.3980**.

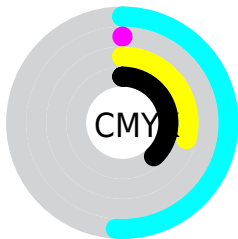
Distribution



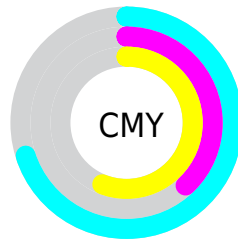
- Red (30%)
- Green (62%)
- Blue (44%)



- Red (30%)
- Yellow (52%)
- Blue (62%)



- Cyan (51%)
- Magenta (0%)
- Yellow (29%)
- Black (38%)





- Cyan (70%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8394, 0.2806, 0.4187 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 26.8394, 0.2806, 0.4187 by changing the saturation by 10% instead.


 26.8394, 0.2806,
0.4187


 26.8394, 0.2806,
0.4187


286.8787, 0.2994,
0.3672


 17.4526, 0.2747,
0.4343


 54.6260, 0.2882,
0.3981


 10.5577, 0.2664,
0.4564


 73.7947, 0.2908,
0.3910

 5.7703, 0.2534,
0.4898

 96.9928, 0.2929,
0.3852

 2.7059, 0.2311,
0.5456

 124.6048, 0.2947,
0.3804

 0.9802, 0.0604,
0.9396

 157.0149, 0.2961,
0.3763

 0.0000, 0.0000,
0.0000

194.6077, 0.2974,

0.3728

237.7675, 0.2984,
0.3699

■ 26.8394, 0.2806,
0.4187

■ 26.8394, 0.2806,
0.4187

■ 26.0755, 0.2769,
0.4404

■ 27.7832, 0.2855,
0.3980

■ 25.4761, 0.2749,
0.4625

■ 28.9146, 0.2914,
0.3786

■ 25.0285, 0.2746,
0.4843

■ 30.2446, 0.2980,
0.3608

■ 24.7167, 0.2761,
0.5052

■ 31.7827, 0.3049,
0.3447

■ 24.5173, 0.2786,
0.5228

■ 33.5376, 0.3120,
0.3303

■ 35.5174, 0.3191,
0.3175

■ 37.7299, 0.3261,
0.3062

■ 40.1825, 0.3329,
0.2963

■ 42.8823, 0.3394,
0.2876

Harmonies

Analogous

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



26.8394, 0.3442, 0.4492



26.8394, 0.2806, 0.4187



26.8394, 0.2289, 0.3548

Triad

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



26.8394, 0.2806, 0.4187



26.8394, 0.2233, 0.2279



26.8394, 0.4391, 0.3473

Complementary

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



26.8394, 0.2806, 0.4187



13.9050, 0.3701, 0.2556

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.



26.8394, 0.4001, 0.2987



26.8394, 0.2806, 0.4187



26.8394, 0.2711, 0.2333

Square

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



26.8394, 0.2806, 0.4187



26.8394, 0.1993, 0.2459



26.8394, 0.3359, 0.2585



26.8394, 0.4387, 0.3966

Rectangle

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



26.8394, 0.2806, 0.4187



26.8394, 0.2073, 0.3097



26.8394, 0.3359, 0.2585



26.8394, 0.4302, 0.3306

Sweetspot

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



26.8405, 0.2806, 0.4187



55.6783, 0.3019, 0.3515



28.9109, 0.3492, 0.4661



12.1341, 0.3005, 0.3546



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.



26.8405, 0.2806, 0.4187



46.5511, 0.2766, 0.4431



27.9053, 0.2523, 0.3409



7.4455, 0.3061, 0.3421



19.9188, 0.2782, 0.5214



0.3644, 0.2566, 0.4438

Inverse Universe

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



13.9050, 0.3701, 0.2556



20.7476, 0.3892, 0.2423



13.1102, 0.4410, 0.3186



6.7068, 0.3199, 0.3162



6.4322, 0.4609, 0.2312



0.1234, 0.3929, 0.1938

Previews

White Background



This preview shows how the Yxy color 26.8394, 0.2806, 0.4187 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 26.8394, 0.2806, 0.4187 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 26.8394, 0.2806, 0.4187

Background



This preview shows how black text looks on a background with the Yxy color 26.8394, 0.2806, 0.4187.



This preview shows how white text looks on a background with the Yxy color 26.8394, 0.2806, 0.4187.

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

26.8394, 0.2806, 0.4187

Protanopia

26.6285, 0.3627, 0.3896

Deuteranopia

26.3754, 0.3663, 0.3589



Tritanopia

26.6812, 0.2505, 0.3061

Trichromacy



Original Color

26.8394, 0.2806, 0.4187

Protanomaly

26.2141, 0.3269, 0.4005

Deuteranomaly

25.7654, 0.3298, 0.3797

Tritanomaly

26.7745, 0.2614, 0.3454

Monochromacy



Original Color

26.8394, 0.2806, 0.4187

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

23.1216, 0.2975, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8394, 0.2806, 0.4187 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(77, 157, 111)` looks like.

```
.text, #text, p{  
    color:rgb(77, 157, 111)  
}
```

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(77, 157, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 157, 111) }
```

Border

The CSS property to change the border of an element to Yxy 26.8394, 0.2806, 0.4187 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(77, 157, 111) }
```

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

```
.border{ border-color:rgb(77, 157, 111) }
```

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

Here you see how a box with a 4 pixel rgb(77, 157, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 157, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 157, 111);  
box-shadow:4px 4px 4px 4px rgb(77, 157,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8394, 0.2806, 0.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 157, 111) }
```

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

```
.background{ background-color: rgb(77, 157,  
111) }
```

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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