

Converting Colors

$Y_{xy}(26.0728, 0.2777, 0.4400)$

Have a look what the booklet for
Yxy(26.0728, 0.2777, 0.4400)
contains.

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Color

Yxy(26.1300, 0.2780, 0.4401)

Conversions

Conversions Part 1

Format	Color
Hex	3F9D66
RGB	63, 157, 102
RGB Percent	25%, 62%, 40%
CMY	0.7528, 0.3843, 0.6001
CMYK	0.60, 0.00, 0.35, 0.38
HSL	145°, 43%, 43%
HSV	145°, 60%, 62%
XYZ	16.5057, 26.1300, 16.7372
YIQ	122.6240, -38.3690, -37.0330

Conversions

Conversions Part 2

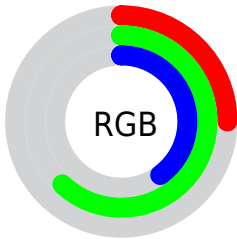
Format	Color
RYB	63, 129, 157
Decimal	4169062
CIELab	58.16, -40.70, 20.73
CIELCh	58, 45.674, 153.014
Yxy	26.1300, 0.2780, 0.4401
Android (android.graphics.Color)	4282359142 (0xFF3F9D66)
YUV	122.6240, -10.1676, -52.2902
Hunter-Lab	51.1175, -31.8186, 16.3692

Details

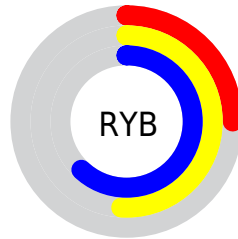
The Yxy color **26.1300, 0.2780, 0.4401** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **12.0365, 0.3832, 0.2433**, and the grayscale version is **19.7232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3088, 0.2867, 0.4142**, and **10.3695, 0.2687, 0.4874** is the 20% darker color. If you saturate the color by 10%, you get **25.5131, 0.2758, 0.4626**, and if you desaturate by 10%, it is **26.9167, 0.2817, 0.4181**.

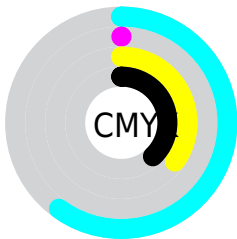
Distribution



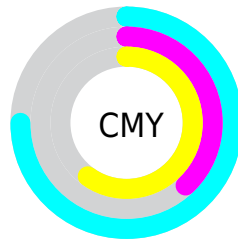
- Red (25%)
- Green (62%)
- Blue (40%)



- Red (25%)
- Yellow (51%)
- Blue (62%)



- Cyan (60%)
- Magenta (0%)
- Yellow (35%)
- Black (38%)





- Cyan (75%)
- Magenta (38%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1300, 0.2780, 0.4401 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 26.1300, 0.2780, 0.4401 by changing the saturation by 10% instead.


 26.1300, 0.2780,
0.4401


 26.1300, 0.2780,
0.4401

283.4197, 0.2989,
0.3756


 16.9209, 0.2712,
0.4600


 53.4846, 0.2866,
0.4141


 10.1781, 0.2612,
0.4883


 72.3989, 0.2895,
0.4051


 5.5172, 0.2455,
0.5315

 95.3171, 0.2919,
0.3979

 2.5538, 0.2182,
0.6061

 122.6235, 0.2938,
0.3919

 0.9035, 0.0000,
1.0000

 154.7026, 0.2954,
0.3868

 0.0000, 0.0000,
0.0000

191.9387, 0.2967,

0.3825

234.7163, 0.2979,
0.3788

■ 26.1300, 0.2780,
0.4401

■ 26.1300, 0.2780,
0.4401

■ 25.5131, 0.2758,
0.4626

■ 26.9167, 0.2817,
0.4181

■ 25.0492, 0.2754,
0.4849

■ 27.8820, 0.2867,
0.3971

■ 24.7237, 0.2767,
0.5061

■ 29.0378, 0.2925,
0.3775

■ 24.4998, 0.2794,
0.5258

■ 30.3942, 0.2990,
0.3595

■ 24.4967, 0.2795,
0.5261

■ 31.9605, 0.3059,
0.3433

■ 33.7452, 0.3128,
0.3288

■ 35.7566, 0.3198,
0.3159

■ 38.0025, 0.3266,
0.3046

■ 40.4902, 0.3331,
0.2947

Harmonies

Analogous

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



26.1300, 0.3516, 0.4718



26.1300, 0.2780, 0.4401



26.1300, 0.2178, 0.3636

Triad

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



26.1300, 0.2780, 0.4401



26.1300, 0.2072, 0.2132



26.1300, 0.4597, 0.3444

Complementary

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



26.1300, 0.2780, 0.4401



12.0365, 0.3832, 0.2433

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.



26.1300, 0.4114, 0.2901



26.1300, 0.2780, 0.4401



26.1300, 0.2599, 0.2184

Square

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



26.1300, 0.2780, 0.4401



26.1300, 0.1820, 0.2341



26.1300, 0.3345, 0.2457



26.1300, 0.4604, 0.4012

Rectangle

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



26.1300, 0.2780, 0.4401



26.1300, 0.1925, 0.3092



26.1300, 0.3345, 0.2457



26.1300, 0.4485, 0.3257

Sweetspot

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



26.1311, 0.2780, 0.4401



54.8297, 0.3000, 0.3570



28.4249, 0.3546, 0.4888



11.9080, 0.2982, 0.3616



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.



26.1311, 0.2780, 0.4401



45.3669, 0.2754, 0.4705



27.2979, 0.2464, 0.3463



7.4444, 0.3063, 0.3424



19.9025, 0.2791, 0.5247



0.3641, 0.2574, 0.4466

Inverse Universe

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



12.0365, 0.3832, 0.2433



17.7627, 0.4074, 0.2309



11.2006, 0.4745, 0.3151



6.7080, 0.3197, 0.3160



6.4560, 0.4565, 0.2288



0.1237, 0.3906, 0.1925

Previews

White Background



This preview shows how the Yxy color 26.1300, 0.2780, 0.4401 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 26.1300, 0.2780, 0.4401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

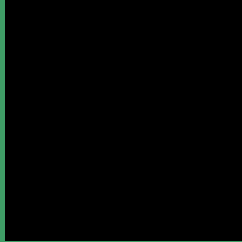
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1300, 0.2780, 0.4401

Background



This preview shows how black text looks on a background with the Yxy color 26.1300, 0.2780, 0.4401.



This preview shows how white text looks on a background with the Yxy color 26.1300, 0.2780, 0.4401.

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

26.1300, 0.2780, 0.4401

Protanopia

25.7574, 0.3730, 0.4031

Deuteranopia

25.6231, 0.3776, 0.3700



Tritanopia

26.1707, 0.2446, 0.3074

Trichromacy



Original Color

26.1300, 0.2780, 0.4401

Protanomaly

25.2724, 0.3300, 0.4190

Deuteranomaly

24.8779, 0.3334, 0.3954

Tritanomaly

26.1318, 0.2563, 0.3534

Monochromacy



Original Color

26.1300, 0.2780, 0.4401

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.3325, 0.2958, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1300, 0.2780, 0.4401 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(63, 157, 102)` looks like.

```
.text, #text, p{  
    color:rgb(63, 157, 102)  
}
```

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(63, 157, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 157, 102) }
```

Border

The CSS property to change the border of an element to Yxy 26.1300, 0.2780, 0.4401 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(63, 157, 102) }
```

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

```
.border{ border-color:rgb(63, 157, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 157, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 157, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 157, 102);  
box-shadow:4px 4px 4px 4px rgb(63, 157,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1300, 0.2780, 0.4401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 157, 102) }
```

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

```
.background{ background-color: rgb(63, 157,  
102) }
```

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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