

Converting Colors

$Y_{xy}(26.3265, 0.2976, 0.4101)$

Have a look what the booklet for
Yxy(26.3265, 0.2976, 0.4101)
contains.

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Color

Yxy(26.5049, 0.2979, 0.4103)

Conversions

Conversions Part 1

Format	Color
Hex	62996E
RGB	98, 153, 110
RGB Percent	38%, 60%, 43%
CMY	0.6156, 0.4000, 0.5687
CMYK	0.36, 0.00, 0.28, 0.40
HSL	133°, 22%, 49%
HSV	133°, 36%, 60%
XYZ	19.2440, 26.5049, 18.8499
YIQ	131.6530, -18.9770, -25.0330

Conversions

Conversions Part 2

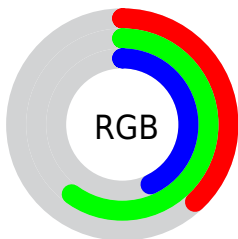
Format	Color
R _Y B	98, 143, 153
Decimal	6461806
CIE Lab	58.51, -27.58, 17.00
CIE LCh	59, 32.399, 148.343
Yxy	26.5049, 0.2979, 0.4103
Android (android.graphics.Color)	4284651886 (0xFF62996E)
YUV	131.6530, -10.6749, -29.5137
Hunter-Lab	51.4829, -23.3729, 14.3296

Details

The Yxy color $26.5049, 0.2979, 0.4103$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $17.4363, 0.3323, 0.2596$, and the grayscale version is $22.9891, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.2997, 0.3019, 0.3918$, and $10.4789, 0.2906, 0.4452$ is the 20% darker color. If you saturate the color by 10%, you get $25.4911, 0.2945, 0.4379$, and if you desaturate by 10%, it is $27.7188, 0.3018, 0.3846$.

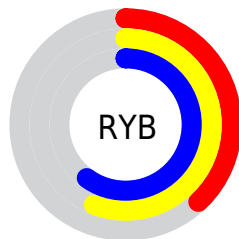
Distribution



Red (38%)

Green (60%)

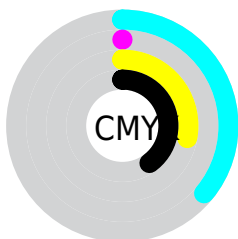
Blue (43%)



Red (38%)

Yellow (56%)

Blue (60%)

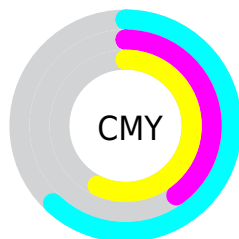


Cyan (36%)

Magenta (0%)

Yellow (28%)

Black (40%)



Cyan (62%)


Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5049, 0.2979, 0.4103 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 26.5049, 0.2979, 0.4103 by changing the saturation by 10% instead.


 26.5049, 0.2979,
0.4103


 26.5049, 0.2979,
0.4103


285.2519, 0.3070,
0.3639


 17.2017, 0.2948,
0.4243


 54.0884, 0.3017,
0.3918

 10.3784, 0.2902,
0.4441


 73.1375, 0.3030,
0.3853

 5.6506, 0.2828,
0.4739

 96.2040, 0.3040,
0.3801

 2.6338, 0.2689,
0.5234

 123.6723, 0.3049,
0.3757

 0.9437, 0.1908,
0.8092

155.9269, 0.3055,
0.3721

 0.0000, 0.0000,
0.0000

193.3521, 0.3061,

0.3689

236.3323, 0.3066,
0.3662

■ 26.5049, 0.2979,
0.4103

■ 26.5049, 0.2979,
0.4103

■ 25.4911, 0.2945,
0.4379

■ 27.7188, 0.3018,
0.3846

■ 24.6635, 0.2917,
0.4667

■ 29.1394, 0.3060,
0.3612

■ 24.0113, 0.2900,
0.4956


■ 30.7771, 0.3102,
0.3403

■ 23.5215, 0.2895,
0.5231


■ 32.6404, 0.3144,
0.3218

■ 23.1792, 0.2904,
0.5476

■ 34.7376, 0.3184,
0.3055


 22.9636, 0.2923,
0.5678

 37.0765, 0.3223,
0.2914

 22.8939, 0.2930,
0.5748

 39.6644, 0.3259,
0.2791

 42.5084, 0.3293,
0.2685

 45.6154, 0.3325,
0.2592

Harmonies

Analogous

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



26.5049, 0.3516, 0.4286



26.5049, 0.2979, 0.4103



26.5049, 0.2507, 0.3628

Triad

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



26.5049, 0.2979, 0.4103



26.5049, 0.2310, 0.2451



26.5049, 0.4131, 0.3368

Complementary

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



26.5049, 0.2979, 0.4103



17.4363, 0.3323, 0.2596

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.



26.5049, 0.3750, 0.2958



26.5049, 0.2979, 0.4103



26.5049, 0.2680, 0.2451

Square

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



26.5049, 0.2979, 0.4103



26.5049, 0.2148, 0.2661



26.5049, 0.3204, 0.2633



26.5049, 0.4208, 0.3792

Rectangle

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



26.5049, 0.2979, 0.4103



26.5049, 0.2288, 0.3255



26.5049, 0.3204, 0.2633



26.5049, 0.4034, 0.3226

Sweetspot

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



26.5060, 0.2979, 0.4103



53.5188, 0.3080, 0.3510



29.3352, 0.3521, 0.4199



11.7394, 0.3075, 0.3536



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.



26.5060, 0.2979, 0.4103



46.0019, 0.2951, 0.4321



27.1988, 0.2755, 0.3572



6.9465, 0.3088, 0.3469



18.9257, 0.2927, 0.5737



0.2876, 0.2734, 0.5041

Inverse Universe

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



17.4363, 0.3323, 0.2596



27.3291, 0.3379, 0.2447



16.7180, 0.3719, 0.3029



6.3006, 0.3169, 0.3118



6.7170, 0.3834, 0.1886



0.1055, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 26.5049, 0.2979, 0.4103 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 26.5049, 0.2979, 0.4103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

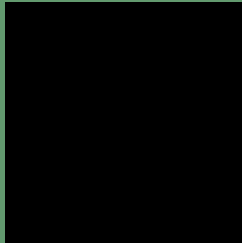
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5049, 0.2979, 0.4103

Background



This preview shows how black text looks on a background with the Yxy color 26.5049, 0.2979, 0.4103.



This preview shows how white text looks on a background with the Yxy color 26.5049, 0.2979, 0.4103.

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

26.5049, 0.2979, 0.4103

Protanopia

26.2397, 0.3619, 0.3884

Deuteranopia

26.3294, 0.3686, 0.3620



Tritanopia

26.5242, 0.2663, 0.3099

Trichromacy



Original Color

26.5049, 0.2979, 0.4103

Protanomaly

26.1167, 0.3361, 0.3974

Deuteranomaly

26.0272, 0.3389, 0.3786

Tritanomaly

26.3610, 0.2769, 0.3433

Monochromacy



Original Color

26.5049, 0.2979, 0.4103

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.2045, 0.3071, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5049, 0.2979, 0.4103 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(98, 153, 110)` looks like.

```
.text, #text, p{  
    color:rgb(98, 153, 110)  
}
```

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(98, 153, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 153, 110) }
```

Border

The CSS property to change the border of an element to Yxy 26.5049, 0.2979, 0.4103 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(98, 153, 110) }
```

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

```
.border{ border-color:rgb(98, 153, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 153, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 153, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 153, 110);  
box-shadow:4px 4px 4px 4px rgb(98, 153,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5049, 0.2979, 0.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 153, 110) }
```

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

```
.background{ background-color: rgb(98, 153,  
110) }
```

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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