

Converting Colors

$Y_{xy}(26.2719, 0.2996, 0.5987)$

Have a look what the booklet for
Yxy(26.2719, 0.2996, 0.5987)
contains.

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Color

Yxy(26.2010, 0.2996, 0.5986)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 00A303 |
| RGB | 0, 163, 3 |
| RGB Percent | 0%, 64%, 1% |
| CMY | 1.0000, 0.3608, 0.9877 |
| CMYK | 1.00, 0.00, 0.98, 0.36 |
| HSL | 121°, 100%, 32% |
| HSV | 121°, 100%, 64% |
| XYZ | 13.1136, 26.2010, 4.4558 |
| YIQ | 96.0230, -45.7880, -84.3160 |

Conversions

Conversions Part 2

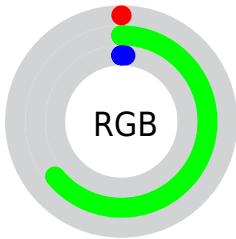
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 160, 163 |
| Decimal | 41731 |
| CIELab | 58.23, -61.58, 59.06 |
| CIElCh | 58, 85.323, 136.199 |
| Yxy | 26.2010, 0.2996, 0.5986 |
| Android (android.graphics.Color) | 4278231811 (0xFF00A303) |
| YUV | 96.0230, -45.8603, -84.2122 |
| Hunter-Lab | 51.1869, -43.8470, 30.6696 |

Details

The Yxy color **26.2010, 0.2996, 0.5986** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **10.3203, 0.3257, 0.1568**, and the grayscale version is **11.8295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4712, 0.3120, 0.5374**, and **10.9373, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.2025, 0.2996, 0.5986**, and if you desaturate by 10%, it is **26.3559, 0.2999, 0.5884**.

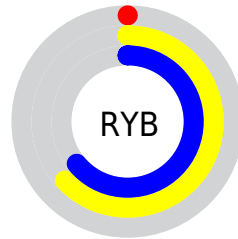
Distribution



Red (0%)

Green (64%)

Blue (1%)



Red (0%)

Yellow (63%)

Blue (64%)

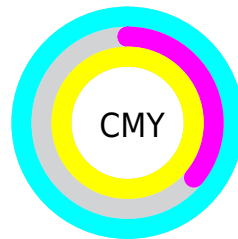


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (36%)



Cyan (100%)


Magenta (36%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2010, 0.2996, 0.5986 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 26.2010, 0.2996, 0.5986 by changing the saturation by 10% instead.


 26.2010, 0.2996,
0.5986


 26.2010, 0.2996,
0.5986

283.7674, 0.3196,
0.4419


 16.9741, 0.2869,
0.6421


 53.5990, 0.3118,
0.5373

 10.2160, 0.2662,
0.7009


 72.5389, 0.3148,
0.5154


 5.5424, 0.2277,
0.7723

 95.4853, 0.3167,
0.4974

 2.5689, 0.1390,
0.8610

 122.8224, 0.3179,
0.4825

 0.9111, 0.0000,
1.0000


 154.9348, 0.3187,
0.4699


 0.0000, 0.0000,
0.0000


 192.2069, 0.3192,


0.4592


 235.0229, 0.3195,
0.4499


 26.2010, 0.2996,
0.5986


 26.2010, 0.2996,
0.5986


 26.2025, 0.2996,
0.5986

 26.3559, 0.2999,
0.5884

 26.6344, 0.3005,
0.5709

 27.0860, 0.3014,
0.5458

 27.7326, 0.3028,
0.5149

 28.5928, 0.3044,
0.4809

■ 29.6832, 0.3062,
0.4462

■ 31.0187, 0.3080,
0.4127

■ 32.6129, 0.3097,
0.3816

■ 34.4783, 0.3113,
0.3537

Harmonies

Analogous

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



26.2010, 0.4177, 0.5542



26.2010, 0.2996, 0.5986



26.2010, 0.1901, 0.4916

Triad

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



26.2010, 0.2996, 0.5986



26.2010, 0.1174, 0.1504



26.2010, 0.5427, 0.2881

Complementary

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



26.2010, 0.2996, 0.5986



10.3203, 0.3257, 0.1568

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.



26.2010, 0.4130, 0.2178



26.2010, 0.2996, 0.5986



26.2010, 0.1688, 0.1432

Square

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



26.2010, 0.2996, 0.5986



26.2010, 0.1020, 0.1979



26.2010, 0.2681, 0.1664



26.2010, 0.5783, 0.3660

Rectangle

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



26.2010, 0.2996, 0.5986



26.2010, 0.1388, 0.3678



26.2010, 0.2681, 0.1664



26.2010, 0.5072, 0.2635

Sweetspot

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



26.2025, 0.2996, 0.5986



55.4045, 0.3079, 0.4145



33.6988, 0.4165, 0.5075



12.2181, 0.3071, 0.4277



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.2025, 0.2996, 0.5986



46.9211, 0.2997, 0.5990



26.8391, 0.2704, 0.4935



7.8971, 0.3114, 0.3517



20.3641, 0.2995, 0.5984



0.4285, 0.2974, 0.5907

Inverse Universe

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



10.3203, 0.3257, 0.1568



18.4783, 0.3258, 0.1569



8.3483, 0.5010, 0.2533



7.1998, 0.3140, 0.3073



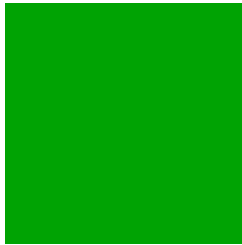
8.0212, 0.3257, 0.1568



0.1692, 0.3238, 0.1558

Previews

White Background



This preview shows how the Yxy color 26.2010, 0.2996, 0.5986 looks on a white background.

Color Contrast Check

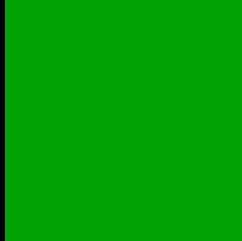
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2010, 0.2996, 0.5986 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

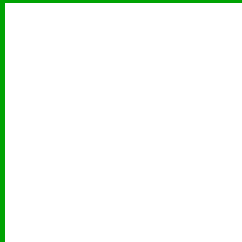
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2010, 0.2996, 0.5986

Background



This preview shows how black text looks on a background with the Yxy color 26.2010, 0.2996, 0.5986.



This preview shows how white text looks on a background with the Yxy color 26.2010, 0.2996, 0.5986.

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

26.2010, 0.2996, 0.5986

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.7378, 0.4591, 0.4504



Tritanopia

26.3658, 0.2367, 0.3072

Trichromacy



Original Color

26.2010, 0.2996, 0.5986



Protanomaly

23.8913, 0.3640, 0.5486



Deuteranomaly

23.0863, 0.3756, 0.5245



Tritanomaly

25.3311, 0.2646, 0.4328

Monochromacy



Original Color

26.2010, 0.2996, 0.5986



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

14.7728, 0.3049, 0.4736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2010, 0.2996, 0.5986 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(0, 163, 3)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 3)  
}
```

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(0, 163, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 3) }
```

Border

The CSS property to change the border of an element to Yxy 26.2010, 0.2996, 0.5986 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(0, 163, 3) }
```

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

```
.border{ border-color:rgb(0, 163, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 163, 3); box-shadow:4px  
4px 4px 4px rgb(0, 163, 3) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2010, 0.2996, 0.5986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 3) }
```

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

```
.background{ background-color: rgb(0, 163,  
3) }
```

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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