

Converting Colors

$Yxy(26.7278, 0.2974, 0.5885)$

Have a look what the booklet for
Yxy(26.7278, 0.2974, 0.5885)
contains.

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Color

Yxy(26.6282, 0.2972, 0.5881)

Conversions

Conversions Part 1

Format	Color
Hex	03A416
RGB	3, 164, 22
RGB Percent	1%, 64%, 9%
CMY	0.9889, 0.3568, 0.9134
CMYK	0.98, 0.00, 0.87, 0.36
HSL	127°, 97%, 33%
HSV	127°, 98%, 64%
XYZ	13.4567, 26.6282, 5.1934
YIQ	99.6730, -50.3740, -78.2940

Conversions

Conversions Part 2

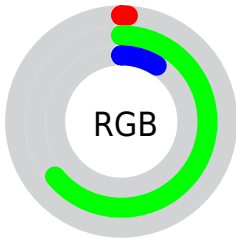
Format	Color
RYB	3, 147, 164
Decimal	238614
CIELab	58.63, -61.08, 56.14
CIElCh	59, 82.958, 137.413
Yxy	26.6282, 0.2972, 0.5881
Android (android.graphics.Color)	4278428694 (0xFF03A416)
YUV	99.6730, -38.2928, -84.7822
Hunter-Lab	51.6025, -43.7558, 30.1546

Details

The Yxy color **26.6282, 0.2972, 0.5881** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9.9906, 0.3525, 0.1724**, and the grayscale version is **12.7540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1076, 0.3089, 0.5291**, and **11.1519, 0.3000, 0.6000** is the 20% darker color. If you saturate the color by 10%, you get **26.6020, 0.2973, 0.5902**, and if you desaturate by 10%, it is **26.8241, 0.2961, 0.5725**.

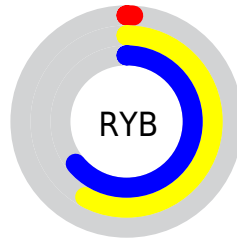
Distribution



Red (1%)

Green (64%)

Blue (9%)



Red (1%)

Yellow (58%)

Blue (64%)

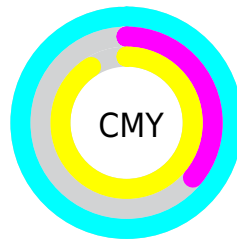


Cyan (98%)

Magenta (0%)

Yellow (87%)

Black (36%)



Cyan (99%)


Magenta (36%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6282, 0.2972, 0.5881 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 26.6282, 0.2972, 0.5881 by changing the saturation by 10% instead.


 26.6282, 0.2972,
0.5881


 26.6282, 0.2972,
0.5881


285.8524, 0.3172,
0.4371


 17.2942, 0.2853,
0.6308


 54.2867, 0.3089,
0.5287


 10.4445, 0.2652,
0.6867


 73.3799, 0.3118,
0.5076

 5.6946, 0.2320,
0.7680

 96.4950, 0.3137,
0.4904

 2.6603, 0.1499,
0.8501

 124.0164, 0.3150,
0.4760

 0.9571, 0.0000,
1.0000

 156.3284, 0.3159,
0.4640

 0.0000, 0.0000,
0.0000

 193.8155, 0.3165,

0.4537

236.8620, 0.3169,
0.4448

■ 26.6282, 0.2972,
0.5881

■ 26.6282, 0.2972,
0.5881

■ 26.6020, 0.2973,
0.5902

■ 26.8241, 0.2961,
0.5725

■ 27.1598, 0.2956,
0.5504

■ 27.6698, 0.2960,
0.5230

■ 28.3739, 0.2972,
0.4923

■ 29.2891, 0.2992,
0.4603

■ 30.4306, 0.3017,
0.4287

■ 31.8123, 0.3045,
0.3989

■ 33.4467, 0.3074,
0.3716

■ 35.3457, 0.3104,
0.3471

Harmonies

Analogous

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



26.6282, 0.4129, 0.5528



26.6282, 0.2972, 0.5881



26.6282, 0.1906, 0.4786

Triad

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



26.6282, 0.2972, 0.5881



26.6282, 0.1228, 0.1537



26.6282, 0.5391, 0.2931

Complementary

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



26.6282, 0.2972, 0.5881



9.9906, 0.3525, 0.1724

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.



26.6282, 0.4161, 0.2233



26.6282, 0.2972, 0.5881



26.6282, 0.1753, 0.1476

Square

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



26.6282, 0.2972, 0.5881



26.6282, 0.1064, 0.1989



26.6282, 0.2748, 0.1716



26.6282, 0.5708, 0.3707

Rectangle

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



26.6282, 0.2972, 0.5881



26.6282, 0.1412, 0.3603



26.6282, 0.2748, 0.1716



26.6282, 0.5058, 0.2687

Sweetspot

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



26.6293, 0.2972, 0.5881



57.3986, 0.3041, 0.4025



32.5970, 0.3991, 0.5203



12.3198, 0.3030, 0.4145



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.



26.6293, 0.2972, 0.5881



48.2672, 0.2978, 0.5920



27.5347, 0.2604, 0.4561



7.9082, 0.3101, 0.3494



20.3996, 0.2970, 0.5892



0.4324, 0.2852, 0.5468

Inverse Universe

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



9.9906, 0.3525, 0.1724



17.9829, 0.3539, 0.1723



8.3314, 0.5373, 0.2749



7.1875, 0.3155, 0.3094



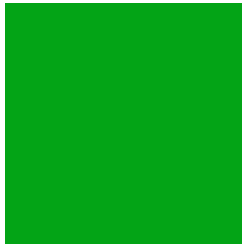
7.6095, 0.3529, 0.1718



0.1637, 0.3399, 0.1646

Previews

White Background



This preview shows how the Yxy color 26.6282, 0.2972, 0.5881 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 26.6282, 0.2972, 0.5881 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 26.6282, 0.2972, 0.5881

Background



This preview shows how black text looks on a background with the Yxy color 26.6282, 0.2972, 0.5881.



This preview shows how white text looks on a background with the Yxy color 26.6282, 0.2972, 0.5881.

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

26.6282, 0.2972, 0.5881

Protanopia

26.0570, 0.4377, 0.4842

Deuteranopia

26.1653, 0.4555, 0.4465



Tritanopia

26.7643, 0.2370, 0.3074

Trichromacy



Original Color

26.6282, 0.2972, 0.5881



Protanomaly

24.3601, 0.3624, 0.5406



Deuteranomaly

23.5727, 0.3727, 0.5146



Tritanomaly

25.8641, 0.2611, 0.4189

Monochromacy



Original Color

26.6282, 0.2972, 0.5881



Achromatopsia

12.7438, 0.3127, 0.3290



Achromatomaly

15.7576, 0.2997, 0.4526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6282, 0.2972, 0.5881 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(3, 164, 22)` looks like.

```
.text, #text, p{  
    color:rgb(3, 164, 22)  
}
```

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(3, 164, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 164, 22) }
```

Border

The CSS property to change the border of an element to Yxy 26.6282, 0.2972, 0.5881 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(3, 164, 22) }
```

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

```
.border{ border-color:rgb(3, 164, 22) }
```

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

Here you see how a box with a 4 pixel rgb(3, 164, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 164, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 164, 22);  
box-shadow:4px 4px 4px 4px rgb(3, 164, 22)  
}
```


Background

The CSS property to change the background color of an element to Yxy 26.6282, 0.2972, 0.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 164, 22) }
```

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

```
.background{ background-color: rgb(3, 164,  
22) }
```

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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