

Converting Colors

XYZ(13.3027, 26.3336, 5.2724)

Have a look what the booklet for
XYZ(13.3027, 26.3336, 5.2724)
contains.

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Color

**XYZ(13.2621, 26.2603,
5.2339)**

Conversions

Conversions Part 1

Format	Color
Hex	00A318
RGB	0, 163, 24
RGB Percent	0%, 64%, 9%
CMY	1.0000, 0.3608, 0.9059
CMYK	1.00, 0.00, 0.85, 0.36
HSL	129°, 100%, 32%
HSV	129°, 100%, 64%
XYZ	13.2621, 26.2603, 5.2339
YIQ	98.4170, -52.5290, -77.7850

Conversions

Conversions Part 2

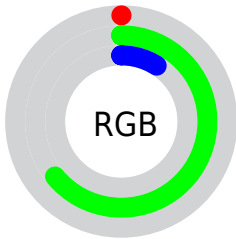
Format	Color
RYB	0, 142, 163
Decimal	41752
CIELab	58.28, -60.85, 55.36
CIELCh	58, 82.262, 137.708
Yxy	26.2603, 0.2963, 0.5867
Android (android.graphics.Color)	4278231832 (0xFF00A318)
YUV	98.4170, -36.6876, -86.3117
Hunter-Lab	51.2448, -43.4828, 29.8158

Details

The XYZ color **13.2621, 26.2603, 5.2339** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **19.7653, 9.6511, 25.2480**, and the grayscale version is **11.8129, 12.4281, 13.5342**.

A 20% lighter version of the original color is **31.2681, 53.5475, 16.6704**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **13.2626, 26.2613, 5.2342**, and if you desaturate by 10%, it is **13.6650, 26.4476, 6.2106**.

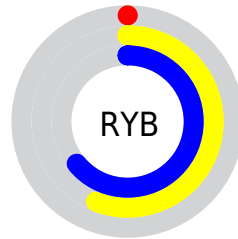
Distribution



Red (0%)

Green (64%)

Blue (9%)



Red (0%)

Yellow (56%)

Blue (64%)

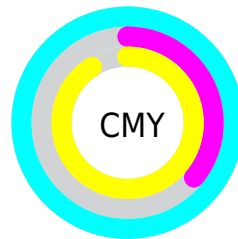


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (36%)



Cyan (100%)


Magenta (36%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2621, 26.2603, 5.2339 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 XYZ color 13.2621, 26.2603, 5.2339 by changing the saturation by 10% instead.


 13.2621, 26.2603,
5.2339


 13.2621, 26.2603,
5.2339


206.1945,
284.0575, 161.0860


 7.6875, 17.0185,
2.3240

 31.3712, 53.6946,
16.7681


 3.9458, 10.2477,
0.7446


 44.6364, 72.6558,
26.2295

 1.6715, 5.5635,
0.0000

 61.1959, 95.6257,
38.7118

 0.4383, 2.5815,
0.0000

 81.4149, 122.9885,
54.6336

 0.0000, 0.9174,
0.0000

 105.6590,
155.1287, 74.4133

 0.0000, 0.0000,
0.0000

 134.2934,

192.4307, 98.4696

167.6834,
235.2788, 127.2210

■ 13.2621, 26.2603,
5.2339

■ 13.2621, 26.2603,
5.2339

■ 13.2626, 26.2613,
5.2342

■ 13.6650, 26.4476,
6.2106

■ 14.3279, 26.7585,
7.6359

■ 15.3346, 27.2359,
9.5580

■ 16.7250, 27.8997,
12.0173

■ 18.5331, 28.7666,
15.0500

■ 20.7894, 29.8515,
18.6890

■ 23.5214, 31.1681,
22.9647

■ 26.7543, 32.7287,
27.9058

■ 30.5117, 34.5450,
33.5389

Harmonies

Analogous

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



19.5535, 26.2603, 1.6719



13.2621, 26.2603, 5.2339



10.4865, 26.2603, 18.3943

Triad

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



13.2621, 26.2603, 5.2339



21.0840, 26.2603, 123.2773



48.1372, 26.2603, 14.8955

Complementary

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



13.2621, 26.2603, 5.2339



19.7653, 9.6511, 25.2480

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.



48.8699, 26.2603, 41.9995



13.2621, 26.2603, 5.2339



31.2803, 26.2603, 119.7422

Square

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



13.2621, 26.2603, 5.2339



14.1234, 26.2603, 91.7797



42.0663, 26.2603, 83.9999



40.2720, 26.2603, 4.1345

Rectangle

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



13.2621, 26.2603, 5.2339



10.3373, 26.2603, 36.6377



42.0663, 26.2603, 83.9999



49.2893, 26.2603, 21.8216

Sweetspot

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



13.2627, 26.2614, 5.2345



41.8259, 55.6741, 40.6663



24.1282, 31.8818, 4.8823



8.9336, 12.2823, 8.4176



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



13.2627, 26.2614, 5.2345



23.7056, 47.0120, 9.1325



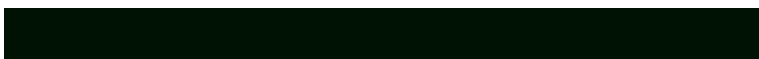
15.5579, 27.1795, 17.3207



7.0261, 7.9113, 7.7492



10.3181, 20.4136, 4.1256



0.2283, 0.4335, 0.1471

Inverse Universe

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



19.7653, 9.6511, 25.2480



35.3383, 17.2602, 44.9087



15.9145, 8.1108, 4.9702



7.3193, 7.1842, 8.6678



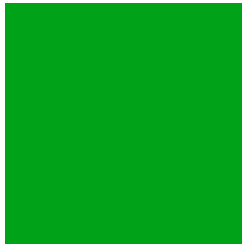
15.3736, 7.5055, 19.6899



0.3345, 0.1623, 0.4740

Previews

White Background



This preview shows how the XYZ color 13.2621, 26.2603, 5.2339 looks on a white background.

Color Contrast Check

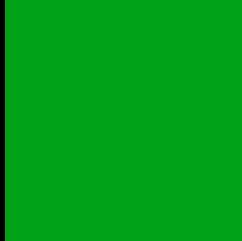
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 13.2621, 26.2603, 5.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

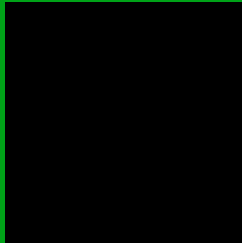
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.2621, 26.2603, 5.2339

Background



This preview shows how black text looks on a background with the XYZ color 13.2621, 26.2603, 5.2339.



This preview shows how white text looks on a background with the XYZ color 13.2621, 26.2603,

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

13.2621, 26.2603, 5.2339

Protanopia

23.3839, 25.9647, 4.3095

Deuteranopia

26.3484, 25.7837, 5.7785



Tritanopia

20.3130, 26.3658, 39.1405

Trichromacy



Original Color

13.2621, 26.2603, 5.2339



Protanomaly

15.9717, 23.9396, 4.4408



Deuteranomaly

16.6814, 23.1458, 5.1785



Tritanomaly

15.8654, 25.4828, 19.7053

Monochromacy



Original Color

13.2621, 26.2603, 5.2339



Achromatopsia

11.6093, 12.2139, 13.3009



Achromatomaly

10.0835, 15.3981, 8.4019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2621, 26.2603, 5.2339 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, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 24)  
}
```

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, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 24) }
```

Border

The CSS property to change the border of an element to XYZ 13.2621, 26.2603, 5.2339 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, 24) }
```


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

```
.border{ border-color:rgb(0, 163, 24) }
```

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, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 24);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 24)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.2621, 26.2603, 5.2339 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, 24) }
```

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

```
.background{ background-color: rgb(0, 163,  
24) }
```

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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