

Converting Colors

XYZ(13.1469, 26.2719, 4.4628)

Have a look what the booklet for
XYZ(13.1469, 26.2719, 4.4628)
contains.

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Color

**XYZ(13.1136, 26.2010,
4.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	00A303
RGB	0, 163, 3
RGB Percent	0%, 64%, 1%
CMY	1.0000, 0.3608, 0.9882
CMYK	1.00, 0.00, 0.98, 0.36
HSL	121°, 100%, 32%
HSV	121°, 100%, 64%
XYZ	13.1136, 26.2010, 4.4523
YIQ	96.0230, -45.7880, -84.3160

Conversions

Conversions Part 2

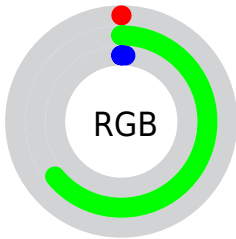
Format	Color
RYB	0, 160, 163
Decimal	41731
CIELab	58.23, -61.58, 59.08
CIELCh	58, 85.336, 136.190
Yxy	26.2010, 0.2996, 0.5986
Android (android.graphics.Color)	4278231811 (0xFF00A303)
YUV	96.0230, -45.8603, -84.2122
Hunter-Lab	51.1869, -43.8471, 30.6737

Details

The XYZ color **13.1136, 26.2010, 4.4523** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **21.4491, 10.3245, 34.1148**, and the grayscale version is **11.2406, 11.8259, 12.8785**.

A 20% lighter version of the original color is **31.0483, 53.4712, 14.9879**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **13.1143, 26.2021, 4.4529**, and if you desaturate by 10%, it is **13.4343, 26.3554, 4.9957**.

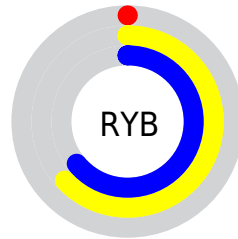
Distribution



Red (0%)

Green (64%)

Blue (1%)



Red (0%)

Yellow (63%)

Blue (64%)

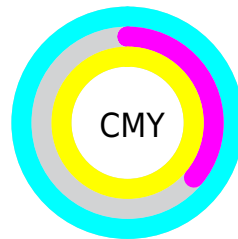


Cyan (100%)

Magenta (0%)

Yellow (98%)

Black (36%)



Cyan (100%)


Magenta (36%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.1136, 26.2010, 4.4523 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 13.1136, 26.2010, 4.4523 by changing the saturation by 10% instead.


 13.1136, 26.2010,
4.4523


 13.1136, 26.2010,
4.4523

205.2673,
283.7674, 153.1273


 7.5844, 16.9741,
1.8766


 31.1073, 53.5990,
15.0402


 3.8797, 10.2160,
0.4778


 44.3025, 72.5389,
23.8894

 1.6343, 5.5424,
0.0000

 60.7837, 95.4853,
35.6669

 0.4146, 2.5689,
0.0000

 80.9162, 122.8224,
50.7912


 0.0000, 0.9111,
0.0000


 105.0655,
154.9348, 69.6809


 0.0000, 0.0000,
0.0000


 133.5969,


192.2069, 92.7544


 166.8757,
235.0229, 120.4304


 13.1136, 26.2010,
4.4523


 13.1136, 26.2010,
4.4523


 13.1143, 26.2021,
4.4529

 13.4343, 26.3554,
4.9957

 14.0158, 26.6337,
5.9932

 14.9574, 27.0851,
7.5729

 16.3045, 27.7316,
9.8052

 18.0959, 28.5918,
12.7504

■ 20.3659, 29.6822,
16.4622

■ 23.1454, 31.0177,
20.9888

■ 26.4627, 32.6121,
26.3747

■ 30.3440, 34.4778,
32.6611

Harmonies

Analogous

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



19.7501, 26.2010, 1.3271



13.1136, 26.2010, 4.4523



10.1319, 26.2010, 16.9594

Triad

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



13.1136, 26.2010, 4.4523



20.4432, 26.2010, 127.5776



49.3597, 26.2010, 15.3913

Complementary

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



13.1136, 26.2010, 4.4523



21.4491, 10.3245, 34.1148

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.



49.6986, 26.2010, 44.4338



13.1136, 26.2010, 4.4523



30.8828, 26.2010, 125.9193

Square

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



13.1136, 26.2010, 4.4523



13.4990, 26.2010, 92.7067



42.2285, 26.2010, 89.0772



41.4016, 26.2010, 3.9838

Rectangle

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



13.1136, 26.2010, 4.4523



9.8816, 26.2010, 35.1351



42.2285, 26.2010, 89.0772



50.4310, 26.2010, 22.8066

Sweetspot

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



13.1143, 26.2021, 4.4529



41.1480, 55.4030, 37.0969



27.6523, 33.6987, 5.0471



8.7723, 12.2177, 7.5681



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.



13.1143, 26.2021, 4.4529



23.4775, 46.9207, 7.9316



14.7066, 26.8390, 12.8377



6.9906, 7.8971, 7.5624



10.1937, 20.3638, 3.4705



0.2157, 0.4285, 0.0808

Inverse Universe

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



21.4491, 10.3245, 34.1148



38.4032, 18.4861, 61.0482



16.5084, 8.3483, 8.0974



7.3586, 7.1999, 8.8750



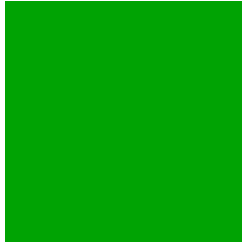
16.6712, 8.0245, 26.5227



0.3520, 0.1693, 0.5660

Previews

White Background



This preview shows how the XYZ color 13.1136, 26.2010, 4.4523 looks on a white background.

Color Contrast Check

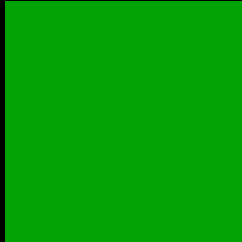
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.1136, 26.2010, 4.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

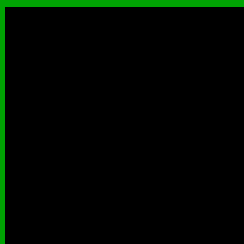
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.1136, 26.2010, 4.4523

Background



This preview shows how black text looks on a background with the XYZ color 13.1136, 26.2010, 4.4523.



This preview shows how white text looks on a background with the XYZ color 13.1136, 26.2010,

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

13.1136, 26.2010, 4.4523

Protanopia

23.2827, 25.9243, 3.7768

Deuteranopia

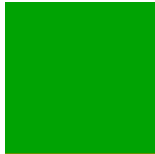
26.2338, 25.7378, 5.1753



Tritanopia

20.3130, 26.3658, 39.1405

Trichromacy



Original Color

13.1136, 26.2010, 4.4523



Protanomaly

15.8509, 23.8913, 3.8048



Deuteranomaly

16.5327, 23.0863, 4.3953



Tritanomaly

15.4345, 25.3104, 17.4365

Monochromacy



Original Color

13.1136, 26.2010, 4.4523



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

9.5104, 14.7728, 6.9076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1136, 26.2010, 4.4523 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 XYZ 13.1136, 26.2010, 4.4523 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 XYZ 13.1136, 26.2010, 4.4523 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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