

Converting Colors

XYZ(13.2061, 25.8606, 6.1025)

Have a look what the booklet for
XYZ(13.2061, 25.8606, 6.1025)
contains.

XYZ(13.2702, 25.9806, 6.1491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.2702, 25.9806,
6.1491)**

Conversions

Conversions Part 1

Format	Color
Hex	00A226
RGB	0, 162, 38
RGB Percent	0%, 64%, 15%
CMY	1.0000, 0.3647, 0.8510
CMYK	1.00, 0.00, 0.77, 0.36
HSL	134°, 100%, 32%
HSV	134°, 100%, 64%
XYZ	13.2702, 25.9806, 6.1491
YIQ	99.4260, -56.7480, -72.9080

Conversions

Conversions Part 2

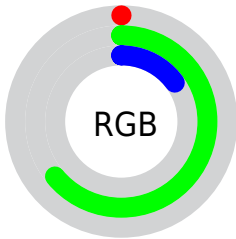
Format	Color
RYB	0, 131, 162
Decimal	41510
CIELab	58.02, -59.66, 50.89
CIElCh	58, 78.412, 139.537
Yxy	25.9806, 0.2923, 0.5723
Android (android.graphics.Color)	4278231590 (0xFF00A226)
YUV	99.4260, -30.2830, -87.1966
Hunter-Lab	50.9712, -42.7276, 28.5271

Details

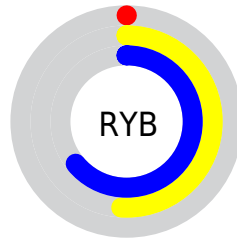
The XYZ color **13.2702, 25.9806, 6.1491** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **18.5390, 9.1370, 19.8555**, and the grayscale version is **12.0527, 12.6803, 13.8089**.

A 20% lighter version of the original color is **31.3176, 53.1397, 18.7316**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **13.2707, 25.9816, 6.1495**, and if you desaturate by 10%, it is **13.7225, 26.1874, 7.3951**.

Distribution



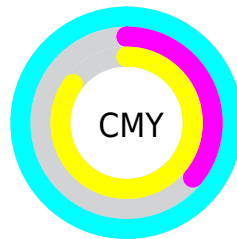
- Red (0%)
- Green (64%)
- Blue (15%)



- Red (0%)
- Yellow (51%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.2702, 25.9806, 6.1491 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 13.2702, 25.9806, 6.1491 by changing the saturation by 10% instead.


 13.2702, 25.9806,
6.1491


 13.2702, 25.9806,
6.1491


206.2449,
282.6868, 169.7466


 7.6932, 16.8091,
2.8657


 31.3856, 53.2436,
18.7226


 3.9494, 10.0985,
1.0265


 44.6546, 72.1040,
28.8497


 1.6735, 5.4643,
0.0000

 61.2183, 94.9628,
42.0952

 0.4396, 2.5222,
0.0000

 81.4421, 122.2044,
58.8776

 0.0000, 0.8877,
0.0000

 105.6913,
154.2132, 79.6154

 0.0000, 0.0000,
0.0000

 134.3313,

191.3736, 104.7271

167.7274,
234.0700, 134.6313

■ 13.2702, 25.9806,
6.1491

■ 13.2702, 25.9806,
6.1491

■ 13.2707, 25.9816,
6.1495

■ 13.7225, 26.1874,
7.3951

■ 14.4209, 26.5120,
9.0314

■ 15.4455, 26.9957,
11.0901

■ 16.8330, 27.6569,
13.5981

■ 18.6151, 28.5114,
16.5801

■ 20.8197, 29.5732,
20.0587

■ 23.4724, 30.8550,
24.0553

■ 26.5964, 32.3684,
28.5901

■ 30.2136, 34.1242,
33.6819

Harmonies

Analogous

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



19.0917, 25.9806, 2.1101



13.2702, 25.9806, 6.1491



10.7681, 25.9806, 19.8367

Triad

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



13.2702, 25.9806, 6.1491



21.5328, 25.9806, 116.7863



46.1336, 25.9806, 14.1883

Complementary

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



13.2702, 25.9806, 6.1491



18.5390, 9.1370, 19.8555

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.



47.2738, 25.9806, 38.8533



13.2702, 25.9806, 6.1491



31.2967, 25.9806, 111.3771

Square

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



13.2702, 25.9806, 6.1491



14.6626, 25.9806, 89.3960



41.2978, 25.9806, 77.4130



38.4939, 25.9806, 4.2721

Rectangle

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



13.2702, 25.9806, 6.1491



10.7388, 25.9806, 37.8374



41.2978, 25.9806, 77.4130



47.3526, 25.9806, 20.4986

Sweetspot

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



13.2708, 25.9817, 6.1497



42.3122, 55.8687, 43.2274



21.2624, 30.1419, 4.6974



9.0506, 12.3290, 9.0333



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.



13.2708, 25.9817, 6.1497



24.0243, 47.1394, 10.8107



16.2388, 27.1689, 21.7790



7.0505, 7.9210, 7.8777



10.4691, 20.4740, 4.9208



0.2368, 0.4369, 0.1921

Inverse Universe

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



18.5390, 9.1370, 19.8555



33.5722, 16.5537, 35.6085



15.3407, 7.8577, 3.0132



7.2929, 7.1736, 8.5290



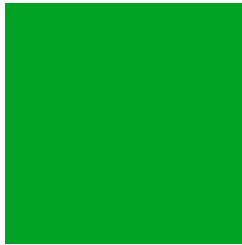
14.6221, 7.2049, 15.7322



0.3237, 0.1580, 0.4170

Previews

White Background



This preview shows how the XYZ color 13.2702, 25.9806, 6.1491 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 13.2702, 25.9806, 6.1491 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

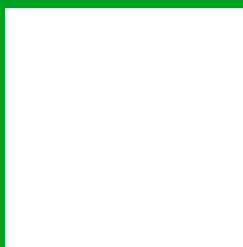
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.2702, 25.9806, 6.1491

Background



This preview shows how black text looks on a background with the XYZ color 13.2702, 25.9806, 6.1491.



This preview shows how white text looks on a background with the XYZ color 13.2702, 25.9806,

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

13.2702, 25.9806, 6.1491

Protanopia

23.2036, 25.6374, 5.0921

Deuteranopia

26.0824, 25.6258, 6.7035



Tritanopia

19.9922, 25.9709, 38.6095

Trichromacy



Original Color

13.2702, 25.9806, 6.1491



Protanomaly

15.8680, 23.6356, 5.2392



Deuteranomaly

16.7460, 23.1572, 6.1719



Tritanomaly

15.9876, 25.2643, 21.1734

Monochromacy



Original Color

13.2702, 25.9806, 6.1491



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

10.3490, 15.5117, 9.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2702, 25.9806, 6.1491 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, 162, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 38)  
}
```

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, 162, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 38) }
```

Border

The CSS property to change the border of an element to XYZ 13.2702, 25.9806, 6.1491 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, 162, 38) }
```


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

```
.border{ border-color:rgb(0, 162, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 38);  
box-shadow:4px 4px 4px 4px rgb(0, 162, 38)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.2702, 25.9806, 6.1491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 38) }
```

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

```
.background{ background-color: rgb(0, 162,  
38) }
```

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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