

Converting Colors

XYZ(13.0260, 25.5053, 6.0272)

Have a look what the booklet for
XYZ(13.0260, 25.5053, 6.0272)
contains.

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Color

**XYZ(13.0788, 25.6233,
6.0067)**

Conversions

Conversions Part 1

Format	Color
Hex	00A125
RGB	0, 161, 37
RGB Percent	0%, 63%, 15%
CMY	1.0000, 0.3686, 0.8549
CMYK	1.00, 0.00, 0.77, 0.37
HSL	134°, 100%, 32%
HSV	134°, 100%, 63%
XYZ	13.0788, 25.6233, 6.0067
YIQ	98.7250, -56.1520, -72.6960

Conversions

Conversions Part 2

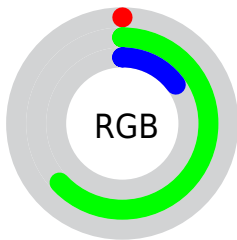
Format	Color
RYB	0, 131, 161
Decimal	41253
CIELab	57.68, -59.44, 50.89
CIELCh	58, 78.253, 139.429
Yxy	25.6233, 0.2925, 0.5731
Android (android.graphics.Color)	4278231333 (0xFF00A125)
YUV	98.7250, -30.4304, -86.5818
Hunter-Lab	50.6195, -42.4641, 28.3980

Details

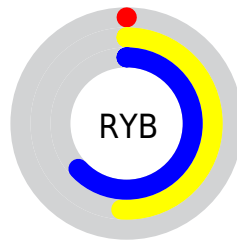
The XYZ color **13.0788, 25.6233, 6.0067** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **18.3367, 9.0327, 19.8461**, and the grayscale version is **11.8754, 12.4939, 13.6058**.

A 20% lighter version of the original color is **31.0156, 52.6052, 18.4167**, and **5.3626, 10.7251, 1.7875** is the 20% darker color. If you saturate the color by 10%, you get **13.0793, 25.6243, 6.0071**, and if you desaturate by 10%, it is **13.5238, 25.8270, 7.2230**.

Distribution



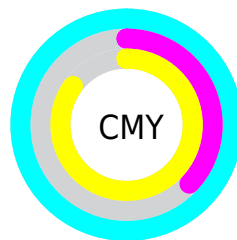
- Red (0%)
- Green (63%)
- Blue (15%)



- Red (0%)
- Yellow (51%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (77%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.0788, 25.6233, 6.0067 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 13.0788, 25.6233, 6.0067 by changing the saturation by 10% instead.


 13.0788, 25.6233,
6.0067


 13.0788, 25.6233,
6.0067

205.0495,
280.9280, 168.4391


 7.5602, 16.5420,
2.7803


 31.0454, 52.6666,
18.4227


 3.8643, 9.9085,
0.9836


 44.2241, 71.3974,
28.4494

 1.6256, 5.3383,
0.0000

 60.6869, 94.1136,
41.5799

 0.4090, 2.4471,
0.0000

 80.7991, 121.1995,
58.2328

 0.0000, 0.8500,
0.0000

 104.9261,
153.0394, 78.8267

 0.0000, 0.0000,
0.0000

 133.4333,

190.0179, 103.7800

166.6859,
232.5193, 133.5113

■ 13.0788, 25.6233,
6.0067

■ 13.0788, 25.6233,
6.0067

■ 13.0793, 25.6243,
6.0071

■ 13.5238, 25.8270,
7.2230

■ 14.2115, 26.1467,
8.8272

■ 15.2216, 26.6237,
10.8514

■ 16.5903, 27.2760,
13.3228

■ 18.3487, 28.1192,
16.2660

■ 20.5247, 29.1671,
19.7041

■ 23.1432, 30.4322,
23.6584

■ 26.2275, 31.9260,
28.1490

■ 29.7991, 33.6592,
33.1950

Harmonies

Analogous

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



18.8430, 25.6233, 2.0532



13.0788, 25.6233, 6.0067



10.5972, 25.6233, 19.4695

Triad

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



13.0788, 25.6233, 6.0067



21.1986, 25.6233, 115.4729



45.5830, 25.6233, 14.0228

Complementary

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



13.0788, 25.6233, 6.0067



18.3367, 9.0327, 19.8461

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.



46.6848, 25.6233, 38.4671



13.0788, 25.6233, 6.0067



30.8471, 25.6233, 110.2404

Square

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



13.0788, 25.6233, 6.0067



14.4214, 25.6233, 88.2497



40.7489, 25.6233, 76.6627



38.0399, 25.6233, 4.2024

Rectangle

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



13.0788, 25.6233, 6.0067



10.5615, 25.6233, 37.2278



40.7489, 25.6233, 76.6627



46.7810, 25.6233, 20.2761

Sweetspot

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



13.0794, 25.6244, 6.0073



41.1592, 54.3607, 41.9431



21.3672, 29.9355, 4.6520



8.6039, 11.7176, 8.5662



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



13.0794, 25.6244, 6.0073



23.3597, 45.8639, 10.4238



15.8622, 26.7375, 20.6612



7.0492, 7.9205, 7.8706



10.4592, 20.4700, 4.8686



0.2364, 0.4368, 0.1896

Inverse Universe

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



18.3367, 9.0327, 19.8461



32.7597, 16.1446, 35.1280



15.1842, 7.7717, 3.2454



7.2944, 7.1742, 8.5365



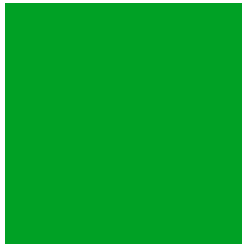
14.6604, 7.2202, 15.9341



0.3242, 0.1582, 0.4200

Previews

White Background



This preview shows how the XYZ color 13.0788, 25.6233, 6.0067 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 13.0788, 25.6233, 6.0067 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 13.0788, 25.6233, 6.0067

Background



This preview shows how black text looks on a background with the XYZ color 13.0788, 25.6233, 6.0067.



This preview shows how white text looks on a background with the XYZ color 13.0788, 25.6233,

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

13.0788, 25.6233, 6.0067

Protanopia

22.8534, 25.2444, 4.9645

Deuteranopia

25.7053, 25.2335, 6.5334



Tritanopia

19.7427, 25.6146, 38.0860

Trichromacy



Original Color

13.0788, 25.6233, 6.0067



Protanomaly

15.6990, 23.3202, 5.1127



Deuteranomaly

16.4533, 22.7867, 6.0137



Tritanomaly

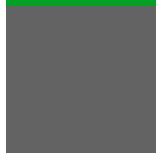
15.7627, 24.9091, 20.8068

Monochromacy



Original Color

13.0788, 25.6233, 6.0067



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

10.3139, 15.4976, 9.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.0788, 25.6233, 6.0067 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, 161, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 37)  
}
```

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, 161, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 37) }
```

Border

The CSS property to change the border of an element to XYZ 13.0788, 25.6233, 6.0067 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, 161, 37) }
```


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

```
.border{ border-color:rgb(0, 161, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 37);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 37)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.0788, 25.6233, 6.0067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 37) }
```

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

```
.background{ background-color: rgb(0, 161,  
37) }
```

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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