

Converting Colors

XYZ(13.6744, 26.4822, 7.2302)

Have a look what the booklet for
XYZ(13.6744, 26.4822, 7.2302)
contains.

XYZ(13.6307, 26.4078, 7.1751)	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(13.6307, 26.4078,
7.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	00A330
RGB	0, 163, 48
RGB Percent	0%, 64%, 19%
CMY	1.0000, 0.3608, 0.8117
CMYK	1.00, 0.00, 0.71, 0.36
HSL	138°, 100%, 32%
HSV	138°, 100%, 64%
XYZ	13.6307, 26.4078, 7.1751
YIQ	101.1530, -60.2330, -70.3210

Conversions

Conversions Part 2

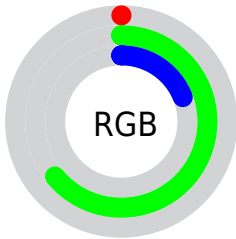
Format	Color
RYB	0, 126, 163
Decimal	41776
CIELab	58.42, -59.07, 47.53
CIELCh	58, 75.818, 141.177
Yxy	26.4078, 0.2887, 0.5593
Android (android.graphics.Color)	4278231856 (0xFF00A330)
YUV	101.1530, -26.2044, -88.7112
Hunter-Lab	51.3885, -42.5831, 27.6936

Details

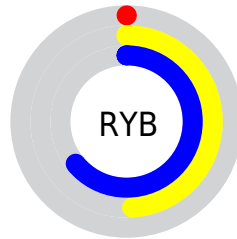
The XYZ color **13.6307, 26.4078, 7.1751** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **18.1995, 9.0247, 17.0028**, and the grayscale version is **12.4867, 13.1370, 14.3061**.

A 20% lighter version of the original color is **31.9462, 53.8073, 20.7587**, and **5.5759, 11.1519, 1.8586** is the 20% darker color. If you saturate the color by 10%, you get **13.6313, 26.4089, 7.1755**, and if you desaturate by 10%, it is **14.1192, 26.6293, 8.6023**.

Distribution



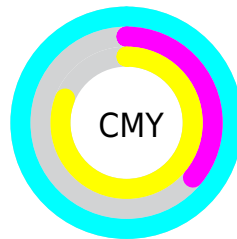
- Red (0%)
- Green (64%)
- Blue (19%)



- Red (0%)
- Yellow (49%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (71%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6307, 26.4078, 7.1751 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 13.6307, 26.4078, 7.1751 by changing the saturation by 10% instead.

■ 13.6307, 26.4078,
7.1751

■ 13.6307, 26.4078,
7.1751

208.4781,
284.7782, 178.7966

■ 7.9442, 17.1290,
3.4917

■ 32.0241, 53.9321,
20.8434

■ 4.1108, 10.3265,
1.3509

■ 45.4617, 72.9464,
31.6655

■ 1.7650, 5.6160,
0.1029

■ 62.2138, 95.9745,
45.7042

■ 0.4964, 2.6130,
0.0000

■ 82.6456, 123.4011,
63.3782

■ 0.0000, 0.9332,
0.0000

■ 107.1226,
155.6103, 85.1058

■ 0.0000, 0.0000,
0.0000

■ 136.0101,

192.9866, 111.3057

169.6735,
235.9145, 142.3965

■ 13.6307, 26.4078,
7.1751

■ 13.6307, 26.4078,
7.1751

■ 13.6313, 26.4089,
7.1755

■ 14.1192, 26.6293,
8.6023

■ 14.8497, 26.9672,
10.3844

■ 15.9019, 27.4629,
12.5463

■ 17.3118, 28.1344,
15.1087

■ 19.1102, 28.9974,
18.0907

■ 21.3248, 30.0657,
21.5103

■ 23.9803, 31.3517,
25.3842

■ 27.0998, 32.8669,
29.7283

■ 30.7045, 34.6220,
34.5579

Harmonies

Analogous

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



19.2038, 26.4078, 2.6032



13.6307, 26.4078, 7.1751



11.3009, 26.4078, 21.6232

Triad

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



13.6307, 26.4078, 7.1751



22.4679, 26.4078, 114.2525



45.6212, 26.4078, 13.9912

Complementary

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



13.6307, 26.4078, 7.1751



18.1995, 9.0247, 17.0028

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.



47.1136, 26.4078, 37.3009



13.6307, 26.4078, 7.1751



32.0938, 26.4078, 107.2770

Square

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



13.6307, 26.4078, 7.1751



15.5141, 26.4078, 89.5493



41.6754, 26.4078, 74.0050



37.9919, 26.4078, 4.5189

Rectangle

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



13.6307, 26.4078, 7.1751



11.3757, 26.4078, 39.8089



41.6754, 26.4078, 74.0050



46.9206, 26.4078, 19.9617

Sweetspot

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



13.6313, 26.4089, 7.1757



42.6584, 56.0071, 45.0503



20.4096, 29.9649, 4.7082



9.1344, 12.3625, 9.4745



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.



13.6313, 26.4089, 7.1757



24.3346, 47.2636, 12.4450



16.9734, 27.7457, 24.7748



7.0674, 7.9278, 7.9666



10.6114, 20.5309, 5.6702



0.2427, 0.4393, 0.2229

Inverse Universe

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



18.1995, 9.0247, 17.0028



32.5011, 16.1253, 29.9682



15.4130, 7.9101, 2.3295



7.2750, 7.1665, 8.4346



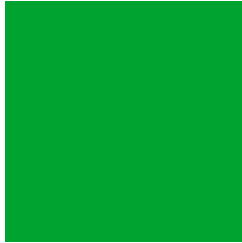
14.1643, 7.0218, 13.3217



0.3167, 0.1552, 0.3804

Previews

White Background



This preview shows how the XYZ color 13.6307, 26.4078, 7.1751 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 13.6307, 26.4078, 7.1751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

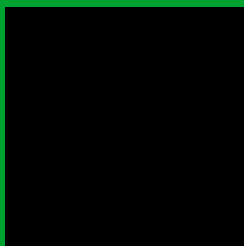
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.6307, 26.4078, 7.1751

Background



This preview shows how black text looks on a background with the XYZ color 13.6307, 26.4078, 7.1751.



This preview shows how white text looks on a background with the XYZ color 13.6307, 26.4078,

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

13.6307, 26.4078, 7.1751

Protanopia

23.5063, 25.9913, 5.9684

Deuteranopia

26.4105, 25.9751, 7.7594



Tritanopia

20.3345, 26.3664, 39.6148

Trichromacy



Original Color

13.6307, 26.4078, 7.1751



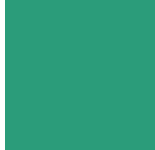
Protanomaly

16.1901, 24.0143, 6.1648



Deuteranomaly

17.0933, 23.5373, 7.2567



Tritanomaly

16.3976, 25.6957, 22.5079

Monochromacy



Original Color

13.6307, 26.4078, 7.1751



Achromatopsia

12.3695, 13.0136, 14.1719



Achromatomaly

10.8450, 16.1145, 10.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6307, 26.4078, 7.1751 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, 48)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 48)  
}
```

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, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 48) }
```

Border

The CSS property to change the border of an element to XYZ 13.6307, 26.4078, 7.1751 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, 48) }
```


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

```
.border{ border-color:rgb(0, 163, 48) }
```

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, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 48);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 48)  
}
```

Background

The CSS property to change the background color of an element to XYZ 13.6307, 26.4078, 7.1751 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, 48) }
```

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

```
.background{ background-color: rgb(0, 163,  
48) }
```

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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