

Converting Colors

XYZ(15.0044, 26.2958, 16.4480)

Have a look what the booklet for
XYZ(15.0044, 26.2958, 16.4480)
contains.

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Color

**XYZ(15.0451, 26.4098,
16.3612)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00A164 |
| RGB | 0, 161, 100 |
| RGB Percent | 0%, 63%, 39% |
| CMY | 1.0000, 0.3686, 0.6078 |
| CMYK | 1.00, 0.00, 0.38, 0.37 |
| HSL | 157°, 100%, 32% |
| HSV | 157°, 100%, 63% |
| XYZ | 15.0451, 26.4098, 16.3612 |
| YIQ | 105.9070, -76.3750, -53.1030 |

Conversions

Conversions Part 2

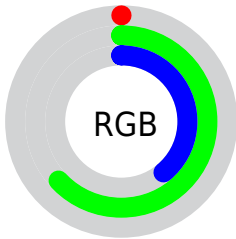
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 99, 161 |
| Decimal | 41316 |
| CIELab | 58.42, -50.32, 21.99 |
| CIELCh | 58, 54.916, 156.396 |
| Yxy | 26.4098, 0.2602, 0.4568 |
| Android (android.graphics.Color) | 4278231396 (0xFF00A164) |
| YUV | 105.9070, -2.9122, -92.8804 |
| Hunter-Lab | 51.3905, -37.6756, 17.0971 |

Details

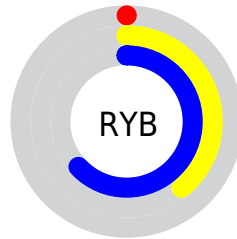
The XYZ color **15.0451, 26.4098, 16.3612** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.5412, 7.9146, 5.1250**, and the grayscale version is **13.6980, 14.4114, 15.6940**.

A 20% lighter version of the original color is **34.5186, 53.9839, 37.8788**, and **5.9824, 10.9731, 5.0515** is the 20% darker color. If you saturate the color by 10%, you get **15.0455, 26.4107, 16.3608**, and if you desaturate by 10%, it is **15.5677, 26.6445, 17.9859**.

Distribution



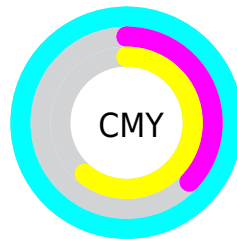
- Red (0%)
- Green (63%)
- Blue (39%)



- Red (0%)
- Yellow (39%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.0451, 26.4098, 16.3612 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 15.0451, 26.4098, 16.3612 by changing the saturation by 10% instead.


 15.0451, 26.4098,
16.3612


 15.0451, 26.4098,
16.3612


217.0220,
284.7880, 243.3818


 8.9376, 17.1305,
9.6230


 34.5033, 53.9353,
37.9996


 4.7573, 10.3276,
5.0474


 48.5846, 72.9503,
53.7369


 2.1388, 5.6167,
2.2159

 66.0547, 95.9793,
73.3110

 0.7102, 2.6134,
0.6835

 87.2787, 123.4066,
97.1403

 0.0000, 0.9334,
0.0000

 112.6221,
155.6168, 125.6436

 0.0000, 0.0000,
0.0000

 142.4502,

192.9942, 159.2392

177.1284,
235.9231, 198.3458

■ 15.0451, 26.4098,
16.3612

■ 15.0451, 26.4098,
16.3612

■ 15.0455, 26.4107,
16.3608

■ 15.5677, 26.6445,
17.9859

■ 16.2835, 26.9755,
19.7370

■ 17.2670, 27.4418,
21.6209

■ 18.5502, 28.0600,
23.6413

■ 20.1602, 28.8438,
25.8018

■ 22.1209, 29.8056,
28.1056

■ 24.4540, 30.9565,
30.5560

■ 27.1794, 32.3068,
33.1558

■ 30.3155, 33.8659,
35.9080

Harmonies

Analogous

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



18.2032, 26.4098, 8.0997



15.0451, 26.4098, 16.3612



14.3465, 26.4098, 33.0677

Triad

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



15.0451, 26.4098, 16.3612



26.5653, 26.4098, 83.2623



36.9739, 26.4098, 11.9412

Complementary

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



15.0451, 26.4098, 16.3612



15.5412, 7.9146, 5.1250

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.



40.2158, 26.4098, 24.8360



15.0451, 26.4098, 16.3612



33.5542, 26.4098, 69.8868

Square

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



15.0451, 26.4098, 16.3612



20.2856, 26.4098, 77.5880



38.8644, 26.4098, 46.2170



30.6255, 26.4098, 6.4579

Rectangle

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



15.0451, 26.4098, 16.3612



15.2346, 26.4098, 48.4901



38.8644, 26.4098, 46.2170



38.5102, 26.4098, 15.2672

Sweetspot

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



15.0458, 26.4109, 16.3618



43.5369, 55.3118, 54.4641



14.7147, 26.5059, 4.3409



9.1724, 11.9450, 11.5596



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.



15.0458, 26.4109, 16.3618



26.8456, 47.2583, 28.7805



16.1392, 21.9850, 37.1123



7.1618, 7.9655, 8.4636



12.0362, 21.1008, 13.1731



0.2748, 0.4521, 0.3920

Inverse Universe

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



15.5412, 7.9146, 5.1250



27.7424, 14.1378, 8.7076



14.9279, 8.0361, 0.7646



7.1796, 7.1283, 7.9323



12.4302, 6.3281, 4.1900



0.2837, 0.1420, 0.2067

Previews

White Background



This preview shows how the XYZ color 15.0451, 26.4098, 16.3612 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 15.0451, 26.4098, 16.3612 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 15.0451, 26.4098, 16.3612

Background



This preview shows how black text looks on a background with the XYZ color 15.0451, 26.4098, 16.3612.



This preview shows how white text looks on a background with the XYZ color 15.0451, 26.4098,

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

15.0451, 26.4098, 16.3612

Protanopia

24.2153, 26.1869, 13.6758

Deuteranopia

26.4365, 25.9833, 17.2576



Tritanopia

20.0191, 26.4352, 40.1238

Trichromacy



Original Color

15.0451, 26.4098, 16.3612



Protanomaly

17.5400, 24.5293, 14.3999



Deuteranomaly

18.1809, 23.8891, 16.7495



Tritanomaly

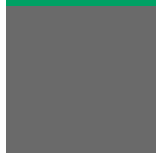
17.5339, 26.1232, 29.7093

Monochromacy



Original Color

15.0451, 26.4098, 16.3612



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

12.2743, 17.1145, 15.7532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0451, 26.4098, 16.3612 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 100) }
```

Border

The CSS property to change the border of an element to XYZ 15.0451, 26.4098, 16.3612 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, 100) }
```


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

```
.border{ border-color:rgb(0, 161, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0451, 26.4098, 16.3612 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, 100) }
```

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

```
.background{ background-color: rgb(0, 161,  
100) }
```

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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