

Converting Colors

XYZ(7.3024, 21.7537, 18.0430)

Have a look what the booklet for
XYZ(7.3024, 21.7537, 18.0430)
contains.

XYZ(15.1049, 25.8790, 18.3864)	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(15.1049, 25.8790,
18.3864)**

Conversions

Conversions Part 1

Format	Color
Hex	009F6C
RGB	0, 159, 108
RGB Percent	0%, 62%, 42%
CMY	1.0000, 0.3765, 0.5765
CMYK	1.00, 0.00, 0.32, 0.38
HSL	161°, 100%, 31%
HSV	161°, 100%, 62%
XYZ	15.1049, 25.8790, 18.3864
YIQ	105.6450, -78.3930, -49.5690

Conversions

Conversions Part 2

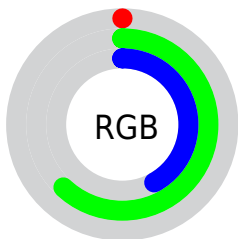
Format	Color
RYB	0, 95, 159
Decimal	40812
CIELab	57.92, -47.80, 16.91
CIELCh	58, 50.701, 160.522
Yxy	25.8790, 0.2544, 0.4359
Android (android.graphics.Color)	4278230892 (0xFF009F6C)
YUV	105.6450, 1.1610, -92.6507
Hunter-Lab	50.8714, -36.0242, 14.1809

Details

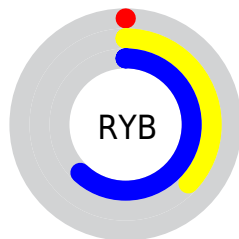
The XYZ color **15.1049, 25.8790, 18.3864** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.8965, 7.6105, 3.8170**, and the grayscale version is **13.6159, 14.3250, 15.5999**.

A 20% lighter version of the original color is **34.6701, 53.2136, 41.7017**, and **5.9696, 10.6343, 6.0130** is the 20% darker color. If you saturate the color by 10%, you get **15.1053, 25.8799, 18.3862**, and if you desaturate by 10%, it is **15.5971, 26.1011, 19.8689**.

Distribution



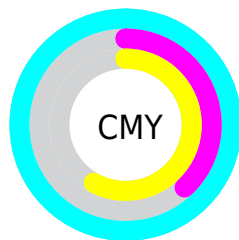
- Red (0%)
- Green (62%)
- Blue (42%)



- Red (0%)
- Yellow (37%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1049, 25.8790, 18.3864 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 15.1049, 25.8790, 18.3864 by changing the saturation by 10% instead.

■ 15.1049, 25.8790,
18.3864

■ 15.1049, 25.8790,
18.3864

217.3761,
282.1876, 255.3489

■ 8.9798, 16.7331,
11.0555

■ 34.6072, 53.0797,
41.5174

■ 4.7850, 10.0444,
5.9895

■ 48.7152, 71.9033,
58.1546

■ 2.1551, 5.4284,
2.7700

■ 66.2149, 94.7216,
78.7310

■ 0.7189, 2.5008,
0.9784

■ 87.4716, 121.9190,
103.6650

■ 0.0000, 0.8770,
0.0000

■ 112.8508,
153.8799, 133.3753

■ 0.0000, 0.0000,
0.0000

■ 142.7176,

190.9887, 168.2803

177.4376,
233.6298, 208.7987

■ 15.1049, 25.8790,
18.3864

■ 15.1049, 25.8790,
18.3864

■ 15.1053, 25.8799,
18.3862

■ 15.5971, 26.1011,
19.8689

■ 16.2704, 26.4141,
21.4436

■ 17.1980, 26.8562,
23.1158

■ 18.4106, 27.4433,
24.8883

■ 19.9342, 28.1889,
26.7635

■ 21.7920, 29.1047,
28.7439

■ 24.0049, 30.2015,
30.8316

■ 26.5918, 31.4892,
33.0287

■ 29.5705, 32.9768,
35.3371

Harmonies

Analogous

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



17.7296, 25.8790, 9.5661



15.1049, 25.8790, 18.3864



14.7646, 25.8790, 34.7757

Triad

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



15.1049, 25.8790, 18.3864



26.8044, 25.8790, 75.8576



34.6461, 25.8790, 11.4892

Complementary

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



15.1049, 25.8790, 18.3864



14.8965, 7.6105, 3.8170

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.



38.0420, 25.8790, 22.4722



15.1049, 25.8790, 18.3864



33.0424, 25.8790, 62.2495

Square

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



15.1049, 25.8790, 18.3864



20.8860, 25.8790, 73.2578



37.4109, 25.8790, 40.9440



28.7239, 25.8790, 6.8780

Rectangle

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



15.1049, 25.8790, 18.3864



15.8055, 25.8790, 48.9394



37.4109, 25.8790, 40.9440



36.1619, 25.8790, 14.3173

Sweetspot

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



15.1056, 25.8800, 18.3870



42.7427, 53.9639, 54.9938



13.8672, 25.5543, 4.2019



9.2672, 11.9830, 12.0593



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.



15.1056, 25.8800, 18.3870



26.9593, 46.3100, 32.4426



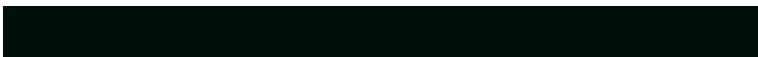
14.5781, 19.1429, 35.7287



6.7312, 7.4732, 8.0193



11.9498, 20.4479, 14.6246



0.2320, 0.3730, 0.3582

Inverse Universe

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



14.8965, 7.6105, 3.8170



26.5975, 13.5970, 6.4166



14.6794, 8.1327, 0.7963



6.7164, 6.6795, 7.3576



11.7824, 6.0175, 3.1053



0.2288, 0.1149, 0.1510

Previews

White Background



This preview shows how the XYZ color 15.1049, 25.8790, 18.3864 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 15.1049, 25.8790, 18.3864 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 15.1049, 25.8790, 18.3864

Background



This preview shows how black text looks on a background with the XYZ color 15.1049, 25.8790, 18.3864.



This preview shows how white text looks on a background with the XYZ color 15.1049, 25.8790,

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

15.1049, 25.8790, 18.3864

Protanopia

23.7350, 25.4674, 15.4691

Deuteranopia

25.9220, 25.4635, 19.4683



Tritanopia

19.4504, 25.9211, 39.1001

Trichromacy



Original Color

15.1049, 25.8790, 18.3864



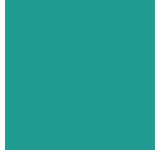
Protanomaly

17.3965, 23.9500, 16.2763



Deuteranomaly

18.0771, 23.3406, 18.8817



Tritanomaly

17.4151, 25.7964, 30.4469

Monochromacy



Original Color

15.1049, 25.8790, 18.3864



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

12.3022, 16.9221, 16.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1049, 25.8790, 18.3864 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, 159, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 108)  
}
```

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, 159, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.1049, 25.8790, 18.3864 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, 159, 108) }
```


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

```
.border{ border-color:rgb(0, 159, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1049, 25.8790, 18.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 108) }
```

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

```
.background{ background-color: rgb(0, 159,  
108) }
```

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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