

Converting Colors

XYZ(13.9315, 24.0858, 15.2980)

Have a look what the booklet for
XYZ(13.9315, 24.0858, 15.2980)
contains.

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Color

**XYZ(13.9103, 24.0758,
15.2232)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9A61
RGB	15, 154, 97
RGB Percent	6%, 60%, 38%
CMY	0.9411, 0.3961, 0.6196
CMYK	0.90, 0.00, 0.37, 0.40
HSL	155°, 82%, 33%
HSV	155°, 90%, 60%
XYZ	13.9103, 24.0758, 15.2232
YIQ	105.9410, -64.5470, -47.1950

Conversions

Conversions Part 2

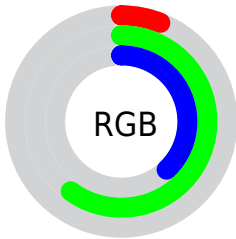
Format	Color
R_{YB}	15, 102, 154
Decimal	1022561
CIE _{Lab}	56.16, -47.56, 20.62
CIE _{LCh}	56, 51.833, 156.563
Yxy	24.0758, 0.2614, 0.4525
Android (android.graphics.Color)	4279212641 (0xFF0F9A61)
YUV	105.9410, -4.4079, -79.7553
Hunter-Lab	49.0671, -35.2635, 15.9521

Details

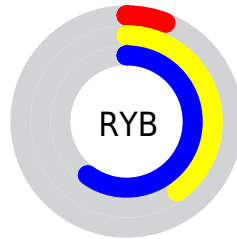
The XYZ color **13.9103, 24.0758, 15.2232** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.6679, 7.6802, 6.8422**, and the grayscale version is **13.7089, 14.4229, 15.7065**.

A 20% lighter version of the original color is **32.3622, 49.9127, 35.9454**, and **5.2294, 9.5377, 4.5829** is the 20% darker color. If you saturate the color by 10%, you get **13.4377, 23.8647, 13.7608**, and if you desaturate by 10%, it is **14.5676, 24.3799, 16.8536**.

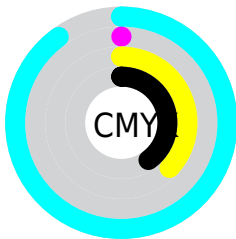
Distribution



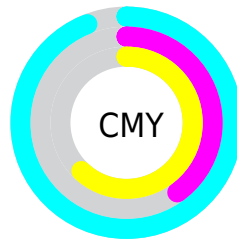
- Red (6%)
- Green (60%)
- Blue (38%)



- Red (6%)
- Yellow (40%)
- Blue (60%)



- Cyan (90%)
- Magenta (0%)
- Yellow (37%)
- Black (40%)



- Cyan (94%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9103, 24.0758, 15.2232 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 13.9103, 24.0758, 15.2232 by changing the saturation by 10% instead.

■ 13.9103, 24.0758,
15.2232

■ 13.9103, 24.0758,
15.2232

210.1939,
273.2035, 236.4004

■ 8.1396, 15.3899,
8.8278

■ 32.5174, 50.1539,
35.9921

■ 4.2370, 9.0935,
4.5338

■ 46.0845, 68.3148,
51.2027

■ 1.8370, 4.8022,
1.9225

■ 62.9810, 90.4028,
70.1888

■ 0.5398, 2.1317,
0.5070

■ 83.5725, 116.8023,
93.3689

■ 0.0000, 0.6823,
0.0000

■ 108.2241,
147.8978, 121.1615

■ 0.0000, 0.0000,
0.0000

■ 137.3013,

184.0735, 153.9853

171.1695,
225.7140, 192.2588

■ 13.9103, 24.0758,
15.2232

■ 13.9103, 24.0758,
15.2232

■ 13.4377, 23.8647,
13.7608

■ 14.5676, 24.3799,
16.8536

■ 15.4688, 24.8063,
18.6201

■ 16.6429, 25.3706,
20.5272

■ 18.1146, 26.0854,
22.5786

■ 19.9054, 26.9618,
24.7778

■ 22.0349, 28.0097,
27.1282

■ 24.5210, 29.2385,
29.6330

■ 27.3804, 30.6566,
32.2953

■ 30.6285, 32.2720,
35.1180

Harmonies

Analogous

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



16.7227, 24.0758, 7.7225



13.9103, 24.0758, 15.2232



13.2961, 24.0758, 30.1400

Triad

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



13.9103, 24.0758, 15.2232



24.2158, 24.0758, 74.0916



33.3566, 24.0758, 11.1404

Complementary

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



13.9103, 24.0758, 15.2232



14.6679, 7.6802, 6.8422

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.



36.2334, 24.0758, 22.6455



13.9103, 24.0758, 15.2232



30.3969, 24.0758, 62.3174

Square

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



13.9103, 24.0758, 15.2232



18.6281, 24.0758, 69.2277



35.0658, 24.0758, 41.5243



27.7417, 24.0758, 6.1805

Rectangle

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



13.9103, 24.0758, 15.2232



14.1004, 24.0758, 43.7640



35.0658, 24.0758, 41.5243



34.7165, 24.0758, 14.1236

Sweetspot

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



13.9109, 24.0768, 15.2238



41.1861, 51.4524, 50.4848



14.3842, 24.5600, 4.4348



9.0182, 11.4960, 11.1101



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



13.9109, 24.0768, 15.2238



24.3116, 43.3114, 24.4794



15.7657, 21.9060, 33.9703



6.2773, 6.9836, 7.3837



10.9657, 19.4497, 11.3059



0.1820, 0.2980, 0.2639

Inverse Universe

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



14.6679, 7.6802, 6.8422



25.7551, 13.0986, 9.2767



13.7959, 7.6701, 1.2057



6.3086, 6.2626, 7.0050



11.6089, 5.8978, 4.4654



0.1910, 0.0951, 0.1584

Previews

White Background



This preview shows how the XYZ color 13.9103, 24.0758, 15.2232 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 13.9103, 24.0758, 15.2232 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

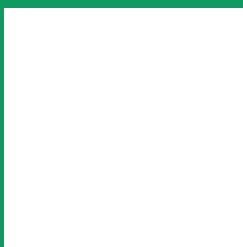
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9103, 24.0758, 15.2232

Background



This preview shows how black text looks on a background with the XYZ color 13.9103, 24.0758, 15.2232.



This preview shows how white text looks on a background with the XYZ color 13.9103, 24.0758,

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

13.9103, 24.0758, 15.2232

Protanopia

22.0053, 23.7912, 12.8836

Deuteranopia

24.0720, 23.5857, 16.1157



Tritanopia

18.2362, 24.1768, 36.0532

Trichromacy



Original Color

13.9103, 24.0758, 15.2232

Protanomaly

16.4936, 22.4191, 13.5832

Deuteranomaly

17.1203, 21.8342, 15.6240

Tritanomaly

16.2647, 24.0617, 27.0797

Monochromacy



Original Color

13.9103, 24.0758, 15.2232

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

12.2788, 16.5617, 15.3815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9103, 24.0758, 15.2232 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(15, 154, 97)` looks like.

```
.text, #text, p{  
    color:rgb(15, 154, 97)  
}
```

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(15, 154, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 154, 97) }
```

Border

The CSS property to change the border of an element to XYZ 13.9103, 24.0758, 15.2232 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(15, 154, 97) }
```


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

```
.border{ border-color:rgb(15, 154, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 154, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 154, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 154, 97);  
box-shadow:4px 4px 4px 4px rgb(15, 154,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9103, 24.0758, 15.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 154, 97) }
```

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

```
.background{ background-color: rgb(15, 154,  
97) }
```

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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