

Converting Colors

XYZ(14.2488, 24.2352, 21.9586)

Have a look what the booklet for
XYZ(14.2488, 24.2352, 21.9586)
contains.

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Color

**XYZ(15.1725, 24.8232,
22.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	009B79
RGB	0, 155, 121
RGB Percent	0%, 61%, 47%
CMY	1.0000, 0.3921, 0.5255
CMYK	1.00, 0.00, 0.22, 0.39
HSL	167°, 100%, 30%
HSV	167°, 100%, 61%
XYZ	15.1725, 24.8232, 22.0808
YIQ	104.7790, -81.4660, -43.4340

Conversions

Conversions Part 2

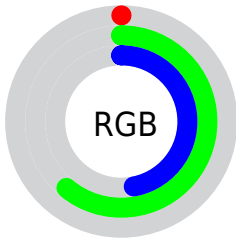
Format	Color
RYB	0, 87, 155
Decimal	39801
CIELab	56.90, -43.00, 8.19
CIELCh	57, 43.776, 169.215
Yxy	24.8232, 0.2444, 0.3999
Android (android.graphics.Color)	4278229881 (0xFF009B79)
YUV	104.7790, 7.9970, -91.8912
Hunter-Lab	49.8229, -32.8317, 8.5995

Details

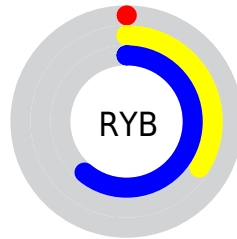
The XYZ color **15.1725, 24.8232, 22.0808** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **13.8071, 7.0846, 2.1540**, and the grayscale version is **13.3634, 14.0594, 15.3107**.

A 20% lighter version of the original color is **34.6139, 51.1850, 47.5905**, and **6.0199, 10.1684, 7.7763** is the 20% darker color. If you saturate the color by 10%, you get **15.1729, 24.8240, 22.0807**, and if you desaturate by 10%, it is **15.5908, 25.0149, 23.2088**.

Distribution



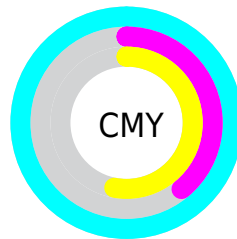
- Red (0%)
- Green (61%)
- Blue (47%)



- Red (0%)
- Yellow (34%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1725, 24.8232, 22.0808 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 15.1725, 24.8232, 22.0808 by changing the saturation by 10% instead.

■ 15.1725, 24.8232,
22.0808

■ 15.1725, 24.8232,
22.0808

217.7757,
276.9563, 275.9352

■ 9.0276, 15.9454,
13.7174

■ 34.7247, 51.3703,
47.7834

■ 4.8165, 9.4855,
7.7879

■ 48.8627, 69.8083,
65.9597

■ 2.1736, 5.0592,
3.8737

■ 66.3959, 92.2018,
88.2440

■ 0.7288, 2.2820,
1.5563

■ 87.6895, 118.9353,
115.0549

■ 0.0000, 0.7642,
0.2594

■ 113.1089,
150.3931, 146.8110

■ 0.0000, 0.0000,
0.0000

■ 143.0195,

186.9596, 183.9307

177.7867,
229.0192, 226.8326

■ 15.1725, 24.8232,
22.0808

■ 15.1725, 24.8232,
22.0808

■ 15.1729, 24.8240,
22.0807

■ 15.5908, 25.0149,
23.2088

■ 16.1704, 25.2884,
24.3827

■ 16.9821, 25.6805,
25.6065

■ 18.0543, 26.2062,
26.8820

■ 19.4114, 26.8778,
28.2107

■ 21.0749, 27.7065,
29.5941

■ 23.0643, 28.7022,
31.0333

■ 25.3972, 29.8742,
32.5295

■ 28.0901, 31.2308,
34.0838

Harmonies

Analogous

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



16.8875, 24.8232, 12.4599



15.1725, 24.8232, 22.0808



15.4537, 24.8232, 37.4283

Triad

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



15.1725, 24.8232, 22.0808



26.9900, 24.8232, 63.4259



30.6387, 24.8232, 10.7890

Complementary

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



15.1725, 24.8232, 22.0808



13.8071, 7.0846, 2.1540

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.



34.1834, 24.8232, 18.7588



15.1725, 24.8232, 22.0808



31.8749, 24.8232, 49.9899

Square

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



15.1725, 24.8232, 22.0808



21.7962, 24.8232, 65.3421



34.6660, 24.8232, 32.6645



25.4874, 24.8232, 7.6958

Rectangle

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



15.1725, 24.8232, 22.0808



16.7489, 24.8232, 49.1020



34.6660, 24.8232, 32.6645



32.0876, 24.8232, 12.8170

Sweetspot

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



15.1732, 24.8242, 22.0814



41.0766, 51.2866, 55.4199



12.4555, 23.8218, 3.9419



8.9678, 11.4433, 12.3128



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.



15.1732, 24.8242, 22.0814



27.0995, 44.4265, 39.1603



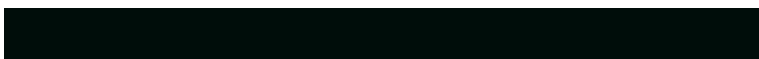
11.8970, 14.3273, 33.1499



6.3265, 7.0033, 7.6430



12.2010, 19.9439, 17.8111



0.1953, 0.3033, 0.3341

Inverse Universe

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



13.8071, 7.0846, 2.1540



24.6668, 12.6633, 3.5461



14.3229, 8.5784, 0.9012



6.2615, 6.2438, 6.7573



11.1017, 5.6949, 1.7944



0.1776, 0.0898, 0.0883

Previews

White Background



This preview shows how the XYZ color 15.1725, 24.8232, 22.0808 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 15.1725, 24.8232, 22.0808 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 15.1725, 24.8232, 22.0808

Background



This preview shows how black text looks on a background with the XYZ color 15.1725, 24.8232, 22.0808.



This preview shows how white text looks on a background with the XYZ color 15.1725, 24.8232,

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

15.1725, 24.8232, 22.0808

Protanopia

23.1750, 24.6853, 18.5822

Deuteranopia

24.8311, 24.4144, 23.1424



Tritanopia

18.6469, 25.0497, 38.0347

Trichromacy



Original Color

15.1725, 24.8232, 22.0808



Protanomaly

17.3306, 23.1580, 19.7762



Deuteranomaly

17.9459, 22.7528, 22.5147



Tritanomaly

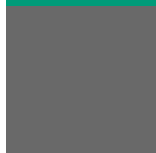
17.0598, 24.8544, 31.5020

Monochromacy



Original Color

15.1725, 24.8232, 22.0808



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

12.2669, 16.5069, 17.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1725, 24.8232, 22.0808 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, 155, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 121)  
}
```

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, 155, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.1725, 24.8232, 22.0808 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, 155, 121) }
```


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

```
.border{ border-color:rgb(0, 155, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1725, 24.8232, 22.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 121) }
```

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

```
.background{ background-color: rgb(0, 155,  
121) }
```

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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