

Converting Colors

XYZ(7.8839, 22.0171, 14.1870)

Have a look what the booklet for
XYZ(7.8839, 22.0171, 14.1870)
contains.

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Color

**XYZ(14.2026, 25.2440,
14.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	009E5D
RGB	0, 158, 93
RGB Percent	0%, 62%, 36%
CMY	1.0000, 0.3804, 0.6353
CMYK	1.00, 0.00, 0.41, 0.38
HSL	155°, 100%, 31%
HSV	155°, 100%, 62%
XYZ	14.2026, 25.2440, 14.4800
YIQ	103.3480, -73.3030, -53.7110

Conversions

Conversions Part 2

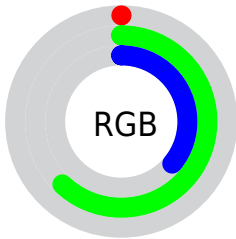
Format	Color
RYB	0, 99, 158
Decimal	40541
CIELab	57.31, -50.68, 24.31
CIELCh	57, 56.207, 154.368
Yxy	25.2440, 0.2634, 0.4681
Android (android.graphics.Color)	4278230621 (0xFF009E5D)
YUV	103.3480, -5.1016, -90.6362
Hunter-Lab	50.2434, -37.4683, 18.0832

Details

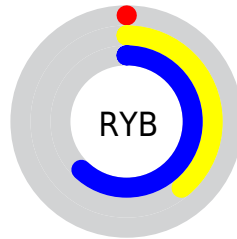
The XYZ color **14.2026, 25.2440, 14.4800** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.0554, 7.6512, 5.6851**, and the grayscale version is **13.0121, 13.6897, 14.9081**.

A 20% lighter version of the original color is **33.1051, 52.1815, 34.7128**, and **5.5447, 10.3004, 4.2807** is the 20% darker color. If you saturate the color by 10%, you get **14.2031, 25.2449, 14.4801**, and if you desaturate by 10%, it is **14.7139, 25.4736, 16.0721**.

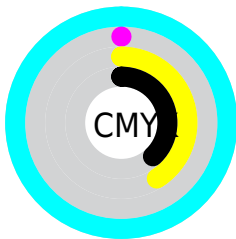
Distribution



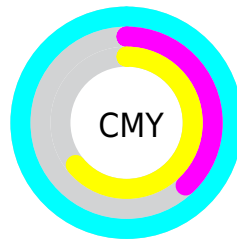
- Red (0%)
- Green (62%)
- Blue (36%)



- Red (0%)
- Yellow (39%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)





- Cyan (100%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2026, 25.2440, 14.4800 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 14.2026, 25.2440, 14.4800 by changing the saturation by 10% instead.


 14.2026, 25.2440,
14.4800


 14.2026, 25.2440,
14.4800


211.9731,
279.0509, 231.7282


 8.3444, 16.2589,
8.3127


 33.0314, 52.0528,
34.6676


 4.3697, 9.7076,
4.2051


 46.7326, 70.6453,
49.5250


 1.9134, 5.2055,
1.7385


 63.7788, 93.2091,
68.1163

 0.5846, 2.3683,
0.3869

 84.5355, 120.1285,
90.8598

 0.0000, 0.8095,
0.0000

 109.3679,
151.7880, 118.1742

 0.0000, 0.0000,
0.0000

 138.6414,

188.5720, 150.4781

172.7213,
230.8648, 188.1899

■ 14.2026, 25.2440,
14.4800

■ 14.2026, 25.2440,
14.4800

■ 14.2031, 25.2449,
14.4801

■ 14.7139, 25.4736,
16.0721

■ 15.4124, 25.7961,
17.8032

■ 16.3711, 26.2497,
19.6803

■ 17.6203, 26.8502,
21.7076

■ 19.1862, 27.6107,
23.8892

■ 21.0916, 28.5432,
26.2288

■ 23.3575, 29.6583,
28.7300

■ 26.0028, 30.9657,
31.3962

■ 29.0452, 32.4745,
34.2307

Harmonies

Analogous

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



17.4676, 25.2440, 6.9700



14.2026, 25.2440, 14.4800



13.3579, 25.2440, 30.3746

Triad

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



14.2026, 25.2440, 14.4800



24.9820, 25.2440, 82.6536



36.1894, 25.2440, 11.5486

Complementary

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



14.2026, 25.2440, 14.4800



15.0554, 7.6512, 5.6851

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.



39.1576, 25.2440, 24.7874



14.2026, 25.2440, 14.4800



31.9711, 25.2440, 70.2212

Square

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



14.2026, 25.2440, 14.4800



18.8703, 25.2440, 75.5704



37.4870, 25.2440, 46.5953



29.9693, 25.2440, 5.9100

Rectangle

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



14.2026, 25.2440, 14.4800



14.1186, 25.2440, 45.5606



37.4870, 25.2440, 46.5953



37.6480, 25.2440, 14.9636

Sweetspot

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



14.2032, 25.2450, 14.4806



42.1544, 53.7286, 51.8959



14.4631, 25.6072, 4.1805



9.1205, 11.9243, 11.2866



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.



14.2032, 25.2450, 14.4806



25.6905, 45.8025, 25.7613



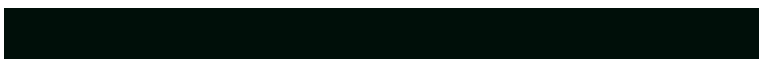
16.2722, 22.6695, 35.8670



6.7063, 7.4633, 7.8878



11.3947, 20.2258, 11.7016



0.2244, 0.3699, 0.3182

Inverse Universe

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



15.0554, 7.6512, 5.6851



27.2453, 13.8562, 9.8276



14.2472, 7.5616, 0.7088



6.7405, 6.6891, 7.4848



12.0760, 6.1350, 4.6512



0.2364, 0.1179, 0.1910

Previews

White Background



This preview shows how the XYZ color 14.2026, 25.2440, 14.4800 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 14.2026, 25.2440, 14.4800 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 14.2026, 25.2440, 14.4800

Background



This preview shows how black text looks on a background with the XYZ color 14.2026, 25.2440, 14.4800.



This preview shows how white text looks on a background with the XYZ color 14.2026, 25.2440,

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

14.2026, 25.2440, 14.4800

Protanopia

22.9798, 24.9368, 12.1964

Deuteranopia

25.2687, 24.8148, 15.2623



Tritanopia

19.1729, 25.3209, 38.0593

Trichromacy



Original Color

14.2026, 25.2440, 14.4800



Protanomaly

16.6062, 23.3883, 12.8717



Deuteranomaly

17.2761, 22.7964, 14.7989



Tritanomaly

16.6695, 24.9819, 27.6103

Monochromacy



Original Color

14.2026, 25.2440, 14.4800



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

11.5819, 16.2250, 14.3257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2026, 25.2440, 14.4800 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, 158, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 93)  
}
```

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, 158, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 93) }
```

Border

The CSS property to change the border of an element to XYZ 14.2026, 25.2440, 14.4800 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, 158, 93) }
```


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

```
.border{ border-color:rgb(0, 158, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 93);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 93)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2026, 25.2440, 14.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 93) }
```

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

```
.background{ background-color: rgb(0, 158,  
93) }
```

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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