

Converting Colors

XYZ(14.3842, 25.0535, 15.8821)

Have a look what the booklet for
XYZ(14.3842, 25.0535, 15.8821)
contains.

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Color

**XYZ(14.3842, 25.0535,
15.8821)**

Conversions

Conversions Part 1

Format	Color
Hex	069D63
RGB	6, 157, 99
RGB Percent	2%, 62%, 39%
CMY	0.9764, 0.3843, 0.6118
CMYK	0.96, 0.00, 0.37, 0.38
HSL	157°, 93%, 32%
HSV	157°, 96%, 62%
XYZ	14.3842, 25.0535, 15.8821
YIQ	105.2390, -71.3780, -50.0500

Conversions

Conversions Part 2

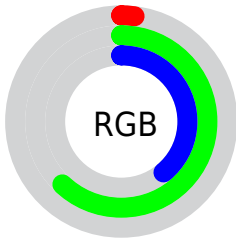
Format	Color
RYB	6, 99, 157
Decimal	433507
CIELab	57.13, -48.75, 20.80
CIELCh	57, 53.005, 156.893
Yxy	25.0535, 0.2600, 0.4529
Android (android.graphics.Color)	4278623587 (0xFF069D63)
YUV	105.2390, -3.0758, -87.0326
Hunter-Lab	50.0535, -36.2968, 16.2246

Details

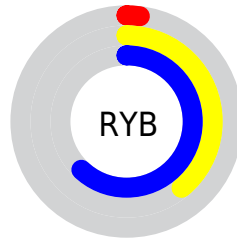
The XYZ color **14.3842, 25.0535, 15.8821** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **14.8961, 7.6691, 5.5471**, and the grayscale version is **13.5151, 14.2189, 15.4844**.

A 20% lighter version of the original color is **33.4191, 51.9144, 37.1133**, and **5.5701, 10.1486, 4.9141** is the 20% darker color. If you saturate the color by 10%, you get **14.2008, 24.9722, 15.3062**, and if you desaturate by 10%, it is **14.9334, 25.3027, 17.4703**.

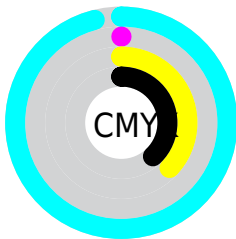
Distribution



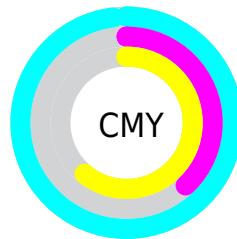
- Red (2%)
- Green (62%)
- Blue (39%)



- Red (2%)
- Yellow (39%)
- Blue (62%)



- Cyan (96%)
- Magenta (0%)
- Yellow (37%)
- Black (38%)



- Cyan (98%)
- Magenta (38%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3842, 25.0535, 15.8821 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 14.3842, 25.0535, 15.8821 by changing the saturation by 10% instead.

■ 14.3842, 25.0535,
15.8821

■ 14.3842, 25.0535,
15.8821

213.0711,
278.1043, 240.4669

■ 8.4718, 16.1169,
9.2873

■ 33.3498, 51.7440,
37.1573

■ 4.4527, 9.6069,
4.8297

■ 47.1338, 70.2667,
52.6749

■ 1.9613, 5.1391,
2.0907

■ 64.2723, 92.7536,
72.0037

■ 0.6121, 2.3291,
0.6102

■ 85.1308, 119.5890,
95.5625

■ 0.0000, 0.7891,
0.0000

■ 110.0745,
151.1574, 123.7696

■ 0.0000, 0.0000,
0.0000

■ 139.4690,

187.8432, 157.0437

173.6794,
230.0306, 195.8033

■ 14.3842, 25.0535,
15.8821

■ 14.3842, 25.0535,
15.8821

■ 14.2008, 24.9722,
15.3062

■ 14.9334, 25.3027,
17.4703

■ 15.7079, 25.6649,
19.1832

■ 16.7478, 26.1613,
21.0257

■ 18.0812, 26.8063,
23.0012

■ 19.7323, 27.6124,
25.1131

■ 21.7226, 28.5907,
27.3645

■ 24.0720, 29.7513,
29.7583

■ 26.7984, 31.1035,
32.2975

■ 29.9188, 32.6559,
34.9847

Harmonies

Analogous

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



17.3044, 25.0535, 7.9781



14.3842, 25.0535, 15.8821



13.7666, 25.0535, 31.6199

Triad

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



14.3842, 25.0535, 15.8821



25.2836, 25.0535, 77.6734



34.7702, 25.0535, 11.3993

Complementary

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



14.3842, 25.0535, 15.8821



14.8961, 7.6691, 5.5471

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.



37.8407, 25.0535, 23.3548



14.3842, 25.0535, 15.8821



31.7768, 25.0535, 65.0823

Square

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



14.3842, 25.0535, 15.8821



19.4024, 25.0535, 72.7365



36.6590, 25.0535, 43.1312



28.8451, 25.0535, 6.2936

Rectangle

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



14.3842, 25.0535, 15.8821



14.6252, 25.0535, 45.9878



36.6590, 25.0535, 43.1312



36.2136, 25.0535, 14.4887

Sweetspot

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



14.3849, 25.0545, 15.8827



41.6105, 52.5384, 51.8120



14.3646, 25.3004, 4.2989



8.7918, 11.3808, 11.0282



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.



14.3849, 25.0545, 15.8827



25.3354, 44.6828, 26.9058



15.8199, 21.7904, 35.2716



6.7137, 7.4663, 7.9272



11.5517, 20.2886, 12.5282



0.2267, 0.3708, 0.3302

Inverse Universe

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



14.8961, 7.6691, 5.5471



26.2900, 13.3926, 8.4753



14.2082, 7.7218, 0.9142



6.7332, 6.6862, 7.4464



11.9792, 6.0962, 4.1413



0.2341, 0.1170, 0.1790

Previews

White Background



This preview shows how the XYZ color 14.3842, 25.0535, 15.8821 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 14.3842, 25.0535, 15.8821 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 14.3842, 25.0535, 15.8821

Background



This preview shows how black text looks on a background with the XYZ color 14.3842, 25.0535, 15.8821.



This preview shows how white text looks on a background with the XYZ color 14.3842, 25.0535,

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

14.3842, 25.0535, 15.8821

Protanopia

22.8624, 24.6424, 13.2243

Deuteranopia

25.1633, 24.7261, 16.8110



Tritanopia

18.8999, 24.9443, 38.0010

Trichromacy



Original Color

14.3842, 25.0535, 15.8821



Protanomaly

16.7729, 23.2236, 13.9545



Deuteranomaly

17.5352, 22.6785, 16.2851



Tritanomaly

16.6878, 24.7326, 28.3204

Monochromacy



Original Color

14.3842, 25.0535, 15.8821



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

12.1101, 16.6598, 15.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3842, 25.0535, 15.8821 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(6, 157, 99)` looks like.

```
.text, #text, p{  
    color:rgb(6, 157, 99)  
}
```

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(6, 157, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 157, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.3842, 25.0535, 15.8821 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(6, 157, 99) }
```


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

```
.border{ border-color:rgb(6, 157, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 157, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 157, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 157, 99);  
box-shadow:4px 4px 4px 4px rgb(6, 157, 99)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3842, 25.0535, 15.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 157, 99) }
```

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

```
.background{ background-color: rgb(6, 157,  
99) }
```

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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