

Converting Colors

XYZ(6.8781, 21.5349, 14.8043)

Have a look what the booklet for
XYZ(6.8781, 21.5349, 14.8043)
contains.

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Color

**XYZ(14.3382, 25.2982,
15.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	009E60
RGB	0, 158, 96
RGB Percent	0%, 62%, 38%
CMY	0.9999, 0.3804, 0.6235
CMYK	1.00, 0.00, 0.39, 0.38
HSL	156°, 100%, 31%
HSV	156°, 100%, 62%
XYZ	14.3382, 25.2982, 15.1937
YIQ	103.6900, -74.2660, -52.7780

Conversions

Conversions Part 2

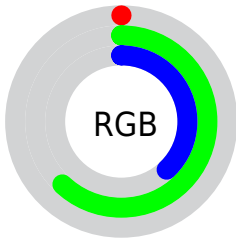
Format	Color
RYB	0, 98, 158
Decimal	40544
CIELab	57.36, -50.06, 22.75
CIELCh	57, 54.989, 155.556
Yxy	25.2982, 0.2615, 0.4614
Android (android.graphics.Color)	4278230624 (0xFF009E60)
YUV	103.6900, -3.7912, -90.9361
Hunter-Lab	50.2973, -37.1355, 17.2979

Details

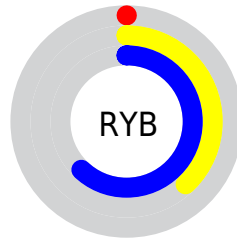
The XYZ color **14.3382, 25.2982, 15.1937** is a dark color, and the websafe version is hex **009966**, and the color name is **shamrock green**. A complement of this color would be **14.9711, 7.6176, 5.2407**, and the grayscale version is **13.1006, 13.7829, 15.0096**.

A 20% lighter version of the original color is **33.3375, 52.2744, 35.9367**, and **5.6060, 10.3249, 4.6032** is the 20% darker color. If you saturate the color by 10%, you get **14.3385, 25.2990, 15.1930**, and if you desaturate by 10%, it is **14.8461, 25.5264, 16.7677**.

Distribution



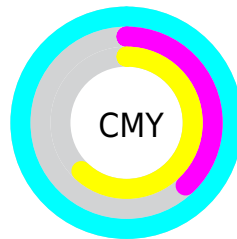
- Red (0%)
- Green (62%)
- Blue (38%)



- Red (0%)
- Yellow (38%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (38%)





- Cyan (100%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3382, 25.2982, 15.1937 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 14.3382, 25.2982, 15.1937 by changing the saturation by 10% instead.


 14.3382, 25.2982,
15.1937


 14.3382, 25.2982,
15.1937


212.7935,
279.3198, 236.2167


 8.4395, 16.2994,
8.8073


 33.2692, 52.1406,
35.9397


 4.4316, 9.7362,
4.5206


 47.0322, 70.7529,
51.1364


 1.9491, 5.2244,
1.9151

 64.1475, 93.3385,
70.1070

 0.6051, 2.3795,
0.5023

 84.9802, 120.2818,
93.2700

 0.0000, 0.8153,
0.0000

 109.8958,
151.9672, 121.0439

 0.0000, 0.0000,
0.0000

 139.2597,

188.7791, 153.8473

173.4371,
231.1018, 192.0987

■ 14.3382, 25.2982,
15.1937

■ 14.3382, 25.2982,
15.1937

■ 14.3385, 25.2990,
15.1930

■ 14.8461, 25.5264,
16.7677

■ 15.5393, 25.8468,
18.4700

■ 16.4905, 26.2975,
20.3071

■ 17.7301, 26.8941,
22.2829

■ 19.2840, 27.6499,
24.4009

■ 21.1752, 28.5767,
26.6645

■ 23.4244, 29.6851,
29.0771

■ 26.0506, 30.9849,
31.6416

■ 29.0713, 32.4851,
34.3610

Harmonies

Analogous

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



17.4638, 25.2982, 7.4373



14.3382, 25.2982, 15.1937



13.5966, 25.2982, 31.1719

Triad

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



14.3382, 25.2982, 15.1937



25.2802, 25.2982, 81.0028



35.7618, 25.2982, 11.4915

Complementary

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



14.3382, 25.2982, 15.1937



14.9711, 7.6176, 5.2407

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.



38.8153, 25.2982, 24.2117



14.3382, 25.2982, 15.1937



32.1017, 25.2982, 68.3263

Square

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



14.3382, 25.2982, 15.1937



19.2191, 25.2982, 74.8998



37.3676, 25.2982, 45.2456



29.6183, 25.2982, 6.0769

Rectangle

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



14.3382, 25.2982, 15.1937



14.4112, 25.2982, 46.1308



37.3676, 25.2982, 45.2456



37.2298, 25.2982, 14.7727

Sweetspot

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



14.3389, 25.2992, 15.1943



42.2756, 53.7770, 52.5340



14.2906, 25.5182, 4.1727



9.1507, 11.9363, 11.4454



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.



14.3389, 25.2992, 15.1943



25.9372, 45.9012, 27.0602



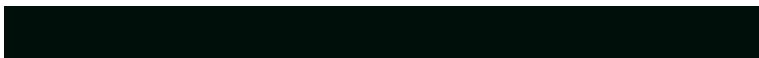
15.8752, 21.8754, 35.7345



6.7115, 7.4653, 7.9152



11.5030, 20.2691, 12.2716



0.2260, 0.3706, 0.3265

Inverse Universe

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



14.9711, 7.6176, 5.2407



27.0939, 13.7956, 9.0307



14.2836, 7.6344, 0.7211



6.7355, 6.6871, 7.4581



12.0079, 6.1077, 4.2925



0.2348, 0.1173, 0.1827

Previews

White Background



This preview shows how the XYZ color 14.3382, 25.2982, 15.1937 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 14.3382, 25.2982, 15.1937 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 14.3382, 25.2982, 15.1937

Background



This preview shows how black text looks on a background with the XYZ color 14.3382, 25.2982, 15.1937.



This preview shows how white text looks on a background with the XYZ color 14.3382, 25.2982,

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

14.3382, 25.2982, 15.1937

Protanopia

23.0604, 24.9690, 12.6209

Deuteranopia

25.4149, 24.8733, 16.0319



Tritanopia

19.1153, 25.2912, 38.0566

Trichromacy



Original Color

14.3382, 25.2982, 15.1937



Protanomaly

16.6902, 23.4219, 13.3141



Deuteranomaly

17.4186, 22.8534, 15.5497



Tritanomaly

16.7062, 24.9925, 27.9883

Monochromacy



Original Color

14.3382, 25.2982, 15.1937



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

11.8034, 16.5131, 14.8772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3382, 25.2982, 15.1937 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.3382, 25.2982, 15.1937 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, 96) }
```


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

```
.border{ border-color:rgb(0, 158, 96) }
```

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, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3382, 25.2982, 15.1937 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, 96) }
```

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

```
.background{ background-color: rgb(0, 158,  
96) }
```

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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