

Converting Colors

XYZ(14.8124, 26.2190, 15.4370)

Have a look what the booklet for
XYZ(14.8124, 26.2190, 15.4370)
contains.

XYZ(14.8562, 26.3343, 15.3664)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.8562, 26.3343,
15.3664)**

Conversions

Conversions Part 1

Format	Color
Hex	00A160
RGB	0, 161, 96
RGB Percent	0%, 63%, 38%
CMY	1.0000, 0.3686, 0.6235
CMYK	1.00, 0.00, 0.40, 0.37
HSL	156°, 100%, 32%
HSV	156°, 100%, 63%
XYZ	14.8562, 26.3343, 15.3664
YIQ	105.4510, -75.0910, -54.3470

Conversions

Conversions Part 2

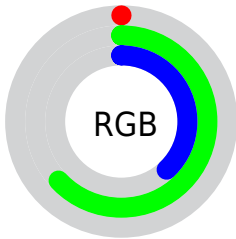
Format	Color
RYB	0, 101, 161
Decimal	41312
CIELab	58.35, -51.15, 24.07
CIELCh	58, 56.531, 154.803
Yxy	26.3343, 0.2627, 0.4656
Android (android.graphics.Color)	4278231392 (0xFF00A160)
YUV	105.4510, -4.6593, -92.4805
Hunter-Lab	51.3170, -38.1291, 18.1680

Details

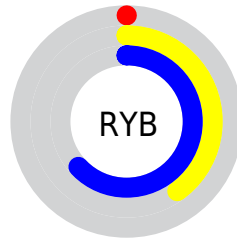
The XYZ color **14.8562, 26.3343, 15.3664** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.6530, 7.9593, 5.7136**, and the grayscale version is **13.5776, 14.2847, 15.5560**.

A 20% lighter version of the original color is **34.1991, 53.8561, 36.1966**, and **5.9169, 10.9469, 4.7068** is the 20% darker color. If you saturate the color by 10%, you get **14.8566, 26.3352, 15.3663**, and if you desaturate by 10%, it is **15.3842, 26.5712, 17.0193**.

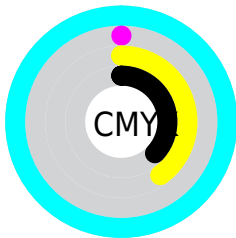
Distribution



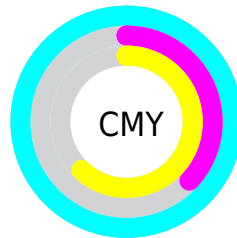
- Red (0%)
- Green (63%)
- Blue (38%)



- Red (0%)
- Yellow (40%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8562, 26.3343, 15.3664 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 14.8562, 26.3343, 15.3664 by changing the saturation by 10% instead.


 14.8562, 26.3343,
15.3664


 14.8562, 26.3343,
15.3664


215.8999,
284.4193, 237.2900


 8.8042, 17.0739,
8.9275


 34.1744, 53.8138,
36.2460


 4.6698, 10.2872,
4.5977


 48.1714, 72.8016,
51.5238


 2.0876, 5.5898,
1.9587

 65.5473, 95.8007,
70.5850

 0.6825, 2.5973,
0.5297

 86.6677, 123.1955,
93.8480

 0.0000, 0.9253,
0.0000

 111.8977,
155.3704, 121.7315

 0.0000, 0.0000,
0.0000

 141.6029,

192.7097, 154.6540

176.1485,
235.5979, 193.0340

■ 14.8562, 26.3343,
15.3664

■ 14.8562, 26.3343,
15.3664

■ 14.8566, 26.3352,
15.3663

■ 15.3842, 26.5712,
17.0193

■ 16.1080, 26.9053,
18.8131

■ 17.1024, 27.3761,
20.7546

■ 18.3995, 27.9997,
22.8482

■ 20.0263, 28.7903,
25.0980

■ 22.0071, 29.7601,
27.5077

■ 24.3635, 30.9204,
30.0808

■ 27.1155, 32.2813,
32.8209

■ 30.2815, 33.8523,
35.7312

Harmonies

Analogous

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



18.2057, 26.3343, 7.4431



14.8562, 26.3343, 15.3664



14.0154, 26.3343, 31.9685

Triad

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



14.8562, 26.3343, 15.3664



26.1555, 26.3343, 85.5167



37.5571, 26.3343, 12.0151

Complementary

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



14.8562, 26.3343, 15.3664



15.6530, 7.9593, 5.7136

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.



40.6844, 26.3343, 25.6132



14.8562, 26.3343, 15.3664



33.3764, 26.3343, 72.4607

Square

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



14.8562, 26.3343, 15.3664



19.8040, 26.3343, 78.5147



39.0295, 26.3343, 48.0444



31.1029, 26.3343, 6.2240

Rectangle

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



14.8562, 26.3343, 15.3664



14.8290, 26.3343, 47.7118



39.0295, 26.3343, 48.0444



39.0812, 26.3343, 15.5228

Sweetspot

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



14.8569, 26.3354, 15.3670



43.3729, 55.2462, 53.6004



15.0663, 26.6872, 4.3573



9.1326, 11.9291, 11.3505



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.



14.8569, 26.3354, 15.3670



26.5061, 47.1224, 26.9926



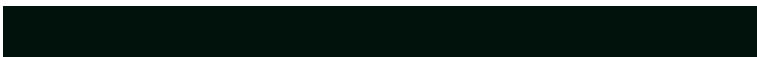
16.9585, 23.6237, 37.3856



7.1545, 7.9626, 8.4251



11.8856, 21.0406, 12.3802



0.2722, 0.4511, 0.3786

Inverse Universe

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



15.6530, 7.9593, 5.7136



27.9396, 14.2166, 9.7461



14.8480, 7.8762, 0.7379



7.1867, 7.1311, 7.9698



12.5201, 6.3641, 4.6634



0.2861, 0.1430, 0.2195

Previews

White Background



This preview shows how the XYZ color 14.8562, 26.3343, 15.3664 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 14.8562, 26.3343, 15.3664 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 14.8562, 26.3343, 15.3664

Background



This preview shows how black text looks on a background with the XYZ color 14.8562, 26.3343, 15.3664.



This preview shows how white text looks on a background with the XYZ color 14.8562, 26.3343,

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

14.8562, 26.3343, 15.3664

Protanopia

23.9018, 25.8288, 12.7425

Deuteranopia

26.4404, 26.0088, 16.1970



Tritanopia

19.9864, 26.4289, 39.6452

Trichromacy



Original Color

14.8562, 26.3343, 15.3664



Protanomaly

17.2089, 24.1470, 13.4267



Deuteranomaly

18.0992, 23.8699, 15.7100



Tritanomaly

17.4214, 26.0825, 28.9272

Monochromacy



Original Color

14.8562, 26.3343, 15.3664



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

12.0466, 16.8198, 15.1820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8562, 26.3343, 15.3664 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, 161, 96)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 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, 161, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.8562, 26.3343, 15.3664 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, 161, 96) }
```


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

```
.border{ border-color:rgb(0, 161, 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, 161, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 96);  
box-shadow:4px 4px 4px 4px rgb(0, 161, 96)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.8562, 26.3343, 15.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 96) }
```

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

```
.background{ background-color: rgb(0, 161,  
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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