

Converting Colors

XYZ(15.6077, 26.5371, 19.6249)

Have a look what the booklet for
XYZ(15.6077, 26.5371, 19.6249)
contains.

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Color

**XYZ(15.6695, 26.6596,
19.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	00A170
RGB	0, 161, 112
RGB Percent	0%, 63%, 44%
CMY	1.0000, 0.3686, 0.5608
CMYK	1.00, 0.00, 0.30, 0.37
HSL	162°, 100%, 32%
HSV	162°, 100%, 63%
XYZ	15.6695, 26.6596, 19.6492
YIQ	107.2750, -80.2270, -49.3710

Conversions

Conversions Part 2

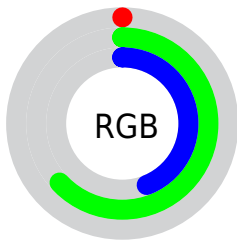
Format	Color
RYB	0, 95, 161
Decimal	41328
CIELab	58.66, -47.64, 15.70
CIELCh	59, 50.159, 161.760
Yxy	26.6596, 0.2528, 0.4301
Android (android.graphics.Color)	4278231408 (0xFF00A170)
YUV	107.2750, 2.3294, -94.0802
Hunter-Lab	51.6329, -36.1867, 13.5799

Details

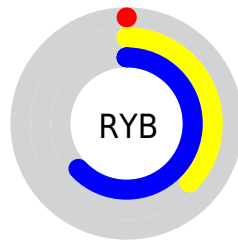
The XYZ color **15.6695, 26.6596, 19.6492** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.2533, 7.7995, 3.6086**, and the grayscale version is **14.0625, 14.7948, 16.1116**.

A 20% lighter version of the original color is **35.6335, 54.4299, 43.7499**, and **6.2880, 11.0953, 6.6607** is the 20% darker color. If you saturate the color by 10%, you get **15.6699, 26.6605, 19.6488**, and if you desaturate by 10%, it is **16.1661, 26.8839, 21.1365**.

Distribution



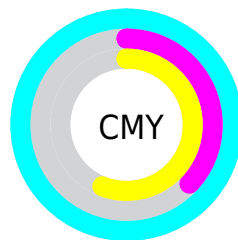
- Red (0%)
- Green (63%)
- Blue (44%)



- Red (0%)
- Yellow (37%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6695, 26.6596, 19.6492 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 15.6695, 26.6596, 19.6492 by changing the saturation by 10% instead.

■ 15.6695, 26.6596,
19.6492

■ 15.6695, 26.6596,
19.6492

■ 220.6925,
286.0052, 262.5508

■ 9.3799, 17.3177,
11.9588

■ 35.5856, 54.3371,
43.6795

■ 5.0489, 10.4613,
6.5934

■ 49.9428, 73.4416,
60.8564

■ 2.3110, 5.7059,
3.1346

■ 67.7200, 96.5691,
82.0325

■ 0.8003, 2.6671,
1.1638

■ 89.2825, 124.1040,
107.6265

■ 0.0000, 0.9605,
0.0000

■ 114.9956,
156.4306, 138.0567

■ 0.0000, 0.0000,
0.0000

■ 145.2247,

193.9334, 173.7418

180.3352,
236.9968, 215.1003

■ 15.6695, 26.6596,
19.6492

■ 15.6695, 26.6596,
19.6492

■ 15.6699, 26.6605,
19.6488

■ 16.1661, 26.8839,
21.1365

■ 16.8482, 27.2014,
22.7107

■ 17.7905, 27.6513,
24.3769

■ 19.0244, 28.2497,
26.1378

■ 20.5769, 29.0105,
27.9958

■ 22.4719, 29.9460,
29.9531

■ 24.7307, 31.0673,
32.0118

■ 27.3730, 32.3843,
34.1737

■ 30.4170, 33.9065,
36.4409

Harmonies

Analogous

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



18.2387, 26.6596, 10.3599



15.6695, 26.6596, 19.6492



15.4192, 26.6596, 36.5076

Triad

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



15.6695, 26.6596, 19.6492



27.8315, 26.6596, 76.5348



35.2451, 26.6596, 11.7854

Complementary

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



15.6695, 26.6596, 19.6492



15.2533, 7.7995, 3.6086

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.



38.7993, 26.6596, 22.6465



15.6695, 26.6596, 19.6492



34.0780, 26.6596, 62.4112

Square

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



15.6695, 26.6596, 19.6492



21.8085, 26.6596, 74.6555



38.3406, 26.6596, 40.9973



29.2317, 26.6596, 7.2552

Rectangle

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



15.6695, 26.6596, 19.6492



16.5408, 26.6596, 50.8031



38.3406, 26.6596, 40.9973



36.8078, 26.6596, 14.5794

Sweetspot

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



15.6702, 26.6607, 19.6498



44.0400, 55.5130, 57.1130



14.1103, 26.1943, 4.3127



9.2945, 11.9939, 12.2030



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.



15.6702, 26.6607, 19.6498



27.9711, 47.7084, 34.7072



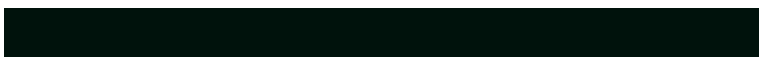
14.6154, 18.9373, 36.6044



7.1839, 7.9744, 8.5799



12.5333, 21.2997, 15.7908



0.2828, 0.4553, 0.4343

Inverse Universe

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



15.2533, 7.7995, 3.6086



27.2381, 13.9360, 6.0519



15.1509, 8.4821, 0.8390



7.1584, 7.1198, 7.8205



12.1980, 6.2353, 2.9673



0.2764, 0.1391, 0.1683

Previews

White Background



This preview shows how the XYZ color 15.6695, 26.6596, 19.6492 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 15.6695, 26.6596, 19.6492 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 15.6695, 26.6596, 19.6492

Background



This preview shows how black text looks on a background with the XYZ color 15.6695, 26.6596, 19.6492.



This preview shows how white text looks on a background with the XYZ color 15.6695, 26.6596,

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

15.6695, 26.6596, 19.6492

Protanopia

24.5888, 26.3147, 16.6153

Deuteranopia

26.8343, 26.3173, 20.8050



Tritanopia

20.0520, 26.6855, 40.6532

Trichromacy



Original Color

15.6695, 26.6596, 19.6492



Protanomaly

18.0153, 24.7072, 17.4551



Deuteranomaly

18.7192, 24.0910, 20.1864



Tritanomaly

17.9831, 26.5606, 31.7827

Monochromacy



Original Color

15.6695, 26.6596, 19.6492



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

12.7336, 17.5118, 17.1770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6695, 26.6596, 19.6492 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, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 112)  
}
```

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, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 112) }
```

Border

The CSS property to change the border of an element to XYZ 15.6695, 26.6596, 19.6492 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, 112) }
```


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

```
.border{ border-color:rgb(0, 161, 112) }
```

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, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6695, 26.6596, 19.6492 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, 112) }
```

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

```
.background{ background-color: rgb(0, 161,  
112) }
```

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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