

Converting Colors

XYZ(13.2330, 25.2888, 19.1649)

Have a look what the booklet for
XYZ(13.2330, 25.2888, 19.1649)
contains.

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Color

**XYZ(15.6141, 26.6374,
19.3575)**

Conversions

Conversions Part 1

Format	Color
Hex	00A16F
RGB	0, 161, 111
RGB Percent	0%, 63%, 44%
CMY	0.9999, 0.3686, 0.5647
CMYK	1.00, 0.00, 0.31, 0.37
HSL	161°, 100%, 32%
HSV	161°, 100%, 63%
XYZ	15.6141, 26.6374, 19.3575
YIQ	107.1610, -79.9060, -49.6820

Conversions

Conversions Part 2

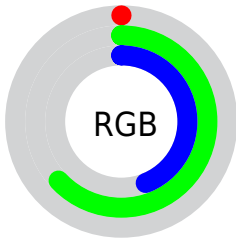
Format	Color
RYB	0, 95, 161
Decimal	41327
CIELab	58.64, -47.87, 16.23
CIELCh	59, 50.548, 161.276
Yxy	26.6374, 0.2534, 0.4324
Android (android.graphics.Color)	4278231407 (0xFF00A16F)
YUV	107.1610, 1.8926, -93.9802
Hunter-Lab	51.6114, -36.3181, 13.8906

Details

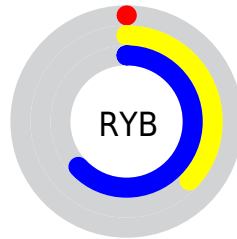
The XYZ color **15.6141, 26.6374, 19.3575** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.2746, 7.8080, 3.7212**, and the grayscale version is **14.0320, 14.7627, 16.0766**.

A 20% lighter version of the original color is **35.5435, 54.3939, 43.2761**, and **6.2598, 11.0840, 6.5121** is the 20% darker color. If you saturate the color by 10%, you get **15.6144, 26.6383, 19.3570**, and if you desaturate by 10%, it is **16.1134, 26.8628, 20.8594**.

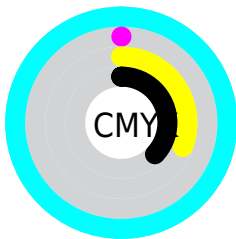
Distribution



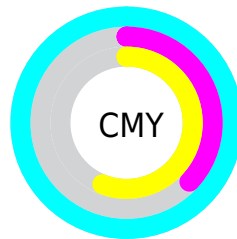
- Red (0%)
- Green (63%)
- Blue (44%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6141, 26.6374, 19.3575 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 15.6141, 26.6374, 19.3575 by changing the saturation by 10% instead.

■ 15.6141, 26.6374,
19.3575

■ 15.6141, 26.6374,
19.3575

220.3691,
285.8972, 260.9035

■ 9.3406, 17.3011,
11.7495

■ 35.4898, 54.3015,
43.1820

■ 5.0229, 10.4494,
6.4529

■ 49.8228, 73.3980,
60.2356

■ 2.2956, 5.6979,
3.0491

■ 67.5729, 96.5167,
81.2748

■ 0.7924, 2.6623,
1.1198

■ 89.1057, 124.0421,
106.7181

■ 0.0000, 0.9581,
0.0000

■ 114.7863,
156.3584, 136.9841

■ 0.0000, 0.0000,
0.0000

■ 144.9802,

193.8501, 172.4913

180.0527,
236.9015, 213.6582

■ 15.6141, 26.6374,
19.3575

■ 15.6141, 26.6374,
19.3575

■ 15.6144, 26.6383,
19.3570

■ 16.1134, 26.8628,
20.8594

■ 16.7990, 27.1817,
22.4512

■ 17.7452, 27.6331,
24.1382

■ 18.9837, 28.2333,
25.9230

■ 20.5414, 28.9963,
27.8083

■ 22.4422, 29.9341,
29.7961

■ 24.7074, 31.0579,
31.8888

■ 27.3569, 32.3778,
34.0882

■ 30.4087, 33.9032,
36.3964

Harmonies

Analogous

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



18.2332, 26.6374, 10.1541



15.6141, 26.6374, 19.3575



15.3252, 26.6374, 36.2132

Triad

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



15.6141, 26.6374, 19.3575



27.7240, 26.6374, 77.0916



35.3876, 26.6374, 11.7946

Complementary

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



15.6141, 26.6374, 19.3575



15.2746, 7.8080, 3.7212

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.



38.9176, 26.6374, 22.8207



15.6141, 26.6374, 19.3575



34.0350, 26.6374, 63.0185

Square

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



15.6141, 26.6374, 19.3575



21.6771, 26.6374, 74.9078



38.3857, 26.6374, 41.4165



29.3454, 26.6374, 7.1830

Rectangle

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



15.6141, 26.6374, 19.3575



16.4268, 26.6374, 50.6120



38.3857, 26.6374, 41.4165



36.9487, 26.6374, 14.6322

Sweetspot

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



15.6148, 26.6385, 19.3581



43.9974, 55.4960, 56.8889



14.1103, 26.1943, 4.3127



9.2842, 11.9897, 12.1484



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.



15.6148, 26.6385, 19.3581



27.8710, 47.6684, 34.1803



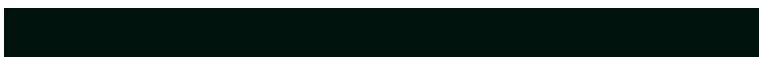
14.6154, 18.9373, 36.6044



7.1820, 7.9736, 8.5702



12.4892, 21.2820, 15.5586



0.2821, 0.4551, 0.4307

Inverse Universe

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



15.2746, 7.8080, 3.7212



27.2753, 13.9509, 6.2477



15.1509, 8.4822, 0.8391



7.1602, 7.1205, 7.8298



12.2153, 6.2422, 3.0582



0.2770, 0.1393, 0.1715

Previews

White Background



This preview shows how the XYZ color 15.6141, 26.6374, 19.3575 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 15.6141, 26.6374, 19.3575 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 15.6141, 26.6374, 19.3575

Background



This preview shows how black text looks on a background with the XYZ color 15.6141, 26.6374, 19.3575.



This preview shows how white text looks on a background with the XYZ color 15.6141, 26.6374,

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

15.6141, 26.6374, 19.3575

Protanopia

24.5389, 26.2948, 16.3524

Deuteranopia

26.7752, 26.2937, 20.4936



Tritanopia

20.0141, 26.6766, 40.1706

Trichromacy



Original Color

15.6141, 26.6374, 19.3575



Protanomaly

17.9636, 24.6865, 17.1828



Deuteranomaly

18.6613, 24.0679, 19.8817



Tritanomaly

17.9384, 26.5466, 31.3727

Monochromacy



Original Color

15.6141, 26.6374, 19.3575



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

12.6800, 17.4904, 16.8950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6141, 26.6374, 19.3575 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, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 111)  
}
```

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, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 111) }
```

Border

The CSS property to change the border of an element to XYZ 15.6141, 26.6374, 19.3575 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, 111) }
```


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

```
.border{ border-color:rgb(0, 161, 111) }
```

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, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6141, 26.6374, 19.3575 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, 111) }
```

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

```
.background{ background-color: rgb(0, 161,  
111) }
```

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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