

Converting Colors

XYZ(6.5497, 17.2651, 14.3552)

Have a look what the booklet for
XYZ(6.5497, 17.2651, 14.3552)
contains.

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Color

**XYZ(11.6825, 19.9128,
14.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	008D61
RGB	0, 141, 97
RGB Percent	0%, 55%, 38%
CMY	1.0000, 0.4470, 0.6196
CMYK	1.00, 0.00, 0.31, 0.45
HSL	161°, 100%, 28%
HSV	161°, 100%, 55%
XYZ	11.6825, 19.9128, 14.5371
YIQ	93.8250, -69.9120, -43.5760

Conversions

Conversions Part 2

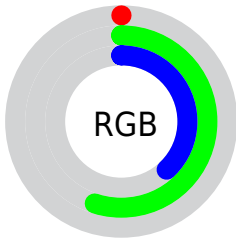
Format	Color
RYB	0, 84, 141
Decimal	36193
CIELab	51.74, -43.38, 14.57
CIELCh	52, 45.757, 161.432
Yxy	19.9128, 0.2532, 0.4316
Android (android.graphics.Color)	4278226273 (0xFF008D61)
YUV	93.8250, 1.5653, -82.2845
Hunter-Lab	44.6238, -31.3603, 11.9217

Details

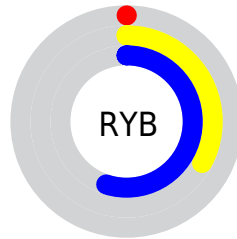
The XYZ color **11.6825, 19.9128, 14.5371** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.4397, 5.8449, 2.9087**, and the grayscale version is **10.6068, 11.1592, 12.1524**.

A 20% lighter version of the original color is **28.6525, 43.4570, 34.8949**, and **4.1481, 7.3750, 4.2225** is the 20% darker color. If you saturate the color by 10%, you get **11.6829, 19.9135, 14.5372**, and if you desaturate by 10%, it is **12.0767, 20.0921, 15.6570**.

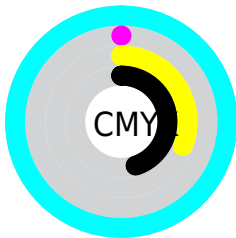
Distribution



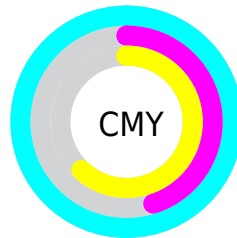
- Red (0%)
- Green (55%)
- Blue (38%)



- Red (0%)
- Yellow (33%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6825, 19.9128, 14.5371 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 11.6825, 19.9128, 14.5371 by changing the saturation by 10% instead.

■ 11.6825, 19.9128,
14.5371

■ 11.6825, 19.9128,
14.5371

196.1050,
251.4427, 232.0905

■ 6.5985, 12.3317,
8.3522

■ 28.5374, 43.2709,
34.7698

■ 3.2564, 6.9700,
4.2301

■ 41.0391, 59.8167,
49.6546

■ 1.2908, 3.4433,
1.7524

■ 56.7440, 80.1196,
68.2765

■ 0.1763, 1.3673,
0.3963

■ 76.0175, 104.5638,
91.0540

■ 0.0000, 0.1925,
0.0000

■ 99.2250, 133.5338,
118.4055

■ 0.0000, 0.0000,
0.0000

■ 126.7319,

167.4140, 150.7498

158.9034,
206.5889, 188.5053

■ 11.6825, 19.9128,
14.5371

■ 11.6825, 19.9128,
14.5371

■ 11.6829, 19.9135,
14.5372

■ 12.0767, 20.0921,
15.6570

■ 12.6010, 20.3367,
16.8430

■ 13.3181, 20.6794,
18.0992

■ 14.2506, 21.1316,
19.4277

■ 15.4176, 21.7034,
20.8302

■ 16.8364, 22.4036,
22.3084

■ 18.5222, 23.2400,
23.8638

■ 20.4893, 24.2199,
25.4979

■ 22.7508, 25.3502,
27.2121

Harmonies

Analogous

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



13.6278, 19.9128, 7.6381



11.6825, 19.9128, 14.5371



11.4759, 19.9128, 27.1351

Triad

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



11.6825, 19.9128, 14.5371



20.7455, 19.9128, 57.4799



26.4125, 19.9128, 8.8123

Complementary

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



11.6825, 19.9128, 14.5371



11.4397, 5.8449, 2.9087

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.



29.0565, 19.9128, 17.0127



11.6825, 19.9128, 14.5371



25.4465, 19.9128, 46.9498

Square

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



11.6825, 19.9128, 14.5371



16.2321, 19.9128, 55.9217



28.6767, 19.9128, 30.8510



21.9037, 19.9128, 5.3855

Rectangle

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



11.6825, 19.9128, 14.5371



12.3040, 19.9128, 37.8713



28.6767, 19.9128, 30.8510



27.5796, 19.9128, 10.9224

Sweetspot

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



11.6830, 19.9136, 14.5376



32.9588, 41.5129, 42.5502



10.5923, 19.6005, 3.2252



7.1023, 9.1433, 9.2711



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.6830, 19.9136, 14.5376



20.8431, 35.6292, 25.6203



10.9561, 14.2196, 27.3674



5.4896, 6.0881, 6.5440



10.6595, 18.1597, 13.2932



0.1119, 0.1776, 0.1795

Inverse Universe

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



11.4397, 5.8449, 2.9087



20.4174, 10.4394, 4.8486



11.3511, 6.3953, 0.6363



5.4739, 5.4501, 5.9935



10.4369, 5.3318, 2.6861



0.1088, 0.0546, 0.0734

Previews

White Background



This preview shows how the XYZ color 11.6825, 19.9128, 14.5371 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 11.6825, 19.9128, 14.5371 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 11.6825, 19.9128, 14.5371

Background



This preview shows how black text looks on a background with the XYZ color 11.6825, 19.9128, 14.5371.



This preview shows how white text looks on a background with the XYZ color 11.6825, 19.9128,

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

11.6825, 19.9128, 14.5371

Protanopia

18.4019, 19.7927, 12.3017

Deuteranopia

20.0320, 19.6670, 15.3107



Tritanopia

15.0712, 20.0316, 30.2663

Trichromacy



Original Color

11.6825, 19.9128, 14.5371



Protanomaly

13.5706, 18.6228, 13.0045



Deuteranomaly

13.9776, 18.0155, 14.7972



Tritanomaly

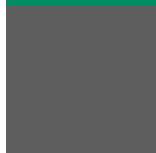
13.4070, 19.7411, 23.5259

Monochromacy



Original Color

11.6825, 19.9128, 14.5371



Achromatopsia

10.6392, 11.1932, 12.1894



Achromatomaly

9.6135, 13.1558, 12.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6825, 19.9128, 14.5371 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, 141, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 97)  
}
```

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, 141, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 97) }
```

Border

The CSS property to change the border of an element to XYZ 11.6825, 19.9128, 14.5371 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, 141, 97) }
```


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

```
.border{ border-color:rgb(0, 141, 97) }
```

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

Here you see how a box with a 4 pixel rgb(0, 141, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 141, 97)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.6825, 19.9128, 14.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 97) }
```

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

```
.background{ background-color: rgb(0, 141,  
97) }
```

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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