

Converting Colors

XYZ(10.5335, 19.1005, 13.7949)

Have a look what the booklet for
XYZ(10.5335, 19.1005, 13.7949)
contains.

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Color

**XYZ(11.3985, 19.5643,
13.7652)**

Conversions

Conversions Part 1

Format	Color
Hex	008C5E
RGB	0, 140, 94
RGB Percent	0%, 55%, 37%
CMY	0.9999, 0.4510, 0.6314
CMYK	1.00, 0.00, 0.33, 0.45
HSL	160°, 100%, 27%
HSV	160°, 100%, 55%
XYZ	11.3985, 19.5643, 13.7652
YIQ	92.8960, -68.6740, -43.9860

Conversions

Conversions Part 2

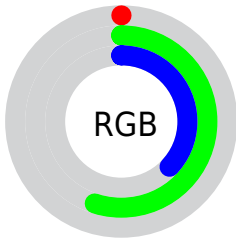
Format	Color
RYB	0, 84, 140
Decimal	35934
CIELab	51.34, -43.69, 15.73
CIELCh	51, 46.437, 160.204
Yxy	19.5643, 0.2548, 0.4374
Android (android.graphics.Color)	4278226014 (0xFF008C5E)
YUV	92.8960, 0.5443, -81.4698
Hunter-Lab	44.2315, -31.4056, 12.5106

Details

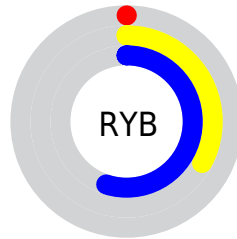
The XYZ color **11.3985, 19.5643, 13.7652** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.3092, 5.7733, 3.1045**, and the grayscale version is **10.3916, 10.9328, 11.9058**.

A 20% lighter version of the original color is **28.1932, 42.9135, 33.5853**, and **4.0232, 7.1928, 3.9726** is the 20% darker color. If you saturate the color by 10%, you get **11.3986, 19.5649, 13.7646**, and if you desaturate by 10%, it is **11.7929, 19.7435, 14.8942**.

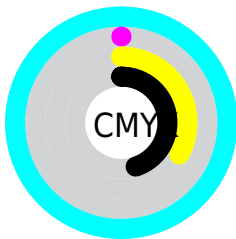
Distribution



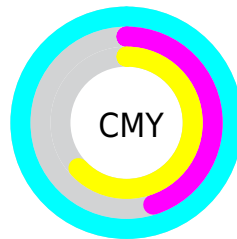
- Red (0%)
- Green (55%)
- Blue (37%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (45%)





- Cyan (100%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.3985, 19.5643, 13.7652 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 11.3985, 19.5643, 13.7652 by changing the saturation by 10% instead.


 11.3985, 19.5643,
13.7652


 11.3985, 19.5643,
13.7652


194.2338,
249.5466, 227.1426


 6.4048, 12.0787,
7.8207


 28.0212, 42.6855,
33.3829


 3.1357, 6.7973,
3.8943


 40.3809, 59.0899,
47.8932


 1.2259, 3.3357,
1.5675

 55.9267, 79.2360,
66.0958

 0.1267, 1.3094,
0.2675

 75.0239, 103.5083,
88.4093

 0.0000, 0.1485,
0.0000

 98.0378, 132.2911,
115.2521

 0.0000, 0.0000,
0.0000

 125.3339,

165.9688, 147.0430

157.2774,
204.9258, 184.2003

■ 11.3985, 19.5643,
13.7652

■ 11.3985, 19.5643,
13.7652

■ 11.3986, 19.5649,
13.7646

■ 11.7929, 19.7435,
14.8942

■ 12.3160, 19.9872,
16.0941

■ 13.0301, 20.3279,
17.3694

■ 13.9572, 20.7768,
18.7220

■ 15.1164, 21.3439,
20.1539

■ 16.5243, 22.0377,
21.6669

■ 18.1962, 22.8660,
23.2626

■ 20.1460, 23.8360,
24.9427

■ 22.3867, 24.9543,
26.7086

Harmonies

Analogous

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



13.4087, 19.5643, 7.1366



11.3985, 19.5643, 13.7652



11.1220, 19.5643, 26.1585

Triad

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



11.3985, 19.5643, 13.7652



20.2215, 19.5643, 57.6596



26.2785, 19.5643, 8.6961

Complementary

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



11.3985, 19.5643, 13.7652



11.3092, 5.7733, 3.1045

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.



28.8346, 19.5643, 17.0875



11.3985, 19.5643, 13.7652



24.9718, 19.5643, 47.3944

Square

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



11.3985, 19.5643, 13.7652



15.7334, 19.5643, 55.5375



28.3202, 19.5643, 31.1844



21.7847, 19.5643, 5.1678

Rectangle

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



11.3985, 19.5643, 13.7652



11.8994, 19.5643, 36.9216



28.3202, 19.5643, 31.1844



27.4241, 19.5643, 10.8573

Sweetspot

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



11.3990, 19.5651, 13.7657



31.8760, 40.2114, 40.8268



10.5359, 19.3535, 3.1807



7.0818, 9.1351, 9.1629



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.



11.3990, 19.5651, 13.7657



20.0195, 34.4623, 23.8653



11.0569, 14.5396, 27.0354



5.1041, 5.6611, 6.0692



10.1372, 17.3875, 12.2790



0.0741, 0.1182, 0.1172

Inverse Universe

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



11.3092, 5.7733, 3.1045



19.8701, 10.1507, 5.1171



11.1290, 6.2023, 0.6110



5.0962, 5.0739, 5.5953



10.0565, 5.1327, 2.8017



0.0730, 0.0366, 0.0513

Previews

White Background



This preview shows how the XYZ color 11.3985, 19.5643, 13.7652 looks on a white background.

Color Contrast Check

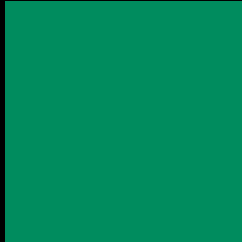
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3985, 19.5643, 13.7652 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 11.3985, 19.5643, 13.7652

Background



This preview shows how black text looks on a background with the XYZ color 11.3985, 19.5643, 13.7652.



This preview shows how white text looks on a background with the XYZ color 11.3985, 19.5643,

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

11.3985, 19.5643, 13.7652

Protanopia

17.9993, 19.4162, 11.6031

Deuteranopia

19.5979, 19.2862, 14.4941



Tritanopia

14.8549, 19.7229, 29.8120

Trichromacy



Original Color

11.3985, 19.5643, 13.7652



Protanomaly

13.2207, 18.2608, 12.2791



Deuteranomaly

13.7077, 17.7040, 14.0040



Tritanomaly

13.1351, 19.4060, 22.7921

Monochromacy



Original Color

11.3985, 19.5643, 13.7652



Achromatopsia

10.4043, 10.9462, 11.9204



Achromatomaly

9.3553, 12.8720, 12.3474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3985, 19.5643, 13.7652 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, 140, 94)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 94)  
}
```

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, 140, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.3985, 19.5643, 13.7652 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, 140, 94) }
```


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

```
.border{ border-color:rgb(0, 140, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 140, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 94);  
box-shadow:4px 4px 4px 4px rgb(0, 140, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.3985, 19.5643, 13.7652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 94) }
```

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

```
.background{ background-color: rgb(0, 140,  
94) }
```

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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