

Converting Colors

XYZ(10.5043, 19.7136, 10.3185)

Have a look what the booklet for
XYZ(10.5043, 19.7136, 10.3185)
contains.

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Color

**XYZ(11.0126, 19.8818,
10.2783)**

Conversions

Conversions Part 1

Format	Color
Hex	008E4D
RGB	0, 142, 77
RGB Percent	0%, 56%, 30%
CMY	1.0000, 0.4431, 0.6980
CMYK	1.00, 0.00, 0.46, 0.44
HSL	153°, 100%, 28%
HSV	153°, 100%, 56%
XYZ	11.0126, 19.8818, 10.2783
YIQ	92.1320, -63.7670, -50.3190

Conversions

Conversions Part 2

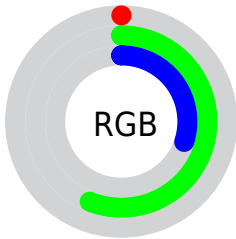
Format	Color
RYB	0, 92, 142
Decimal	36429
CIELab	51.70, -48.07, 25.67
CIElCh	52, 54.492, 151.902
Yxy	19.8818, 0.2675, 0.4829
Android (android.graphics.Color)	4278226509 (0xFF008E4D)
YUV	92.1320, -7.4601, -80.7998
Hunter-Lab	44.5890, -33.9448, 17.5453

Details

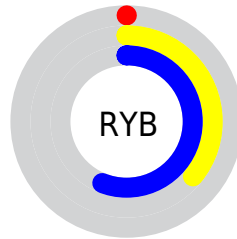
The XYZ color **11.0126, 19.8818, 10.2783** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **12.1104, 6.1330, 5.5485**, and the grayscale version is **10.2314, 10.7642, 11.7222**.

A 20% lighter version of the original color is **27.3643, 43.3038, 26.9949**, and **3.9035, 7.4113, 2.5211** is the 20% darker color. If you saturate the color by 10%, you get **11.0128, 19.8824, 10.2777**, and if you desaturate by 10%, it is **11.4386, 20.0741, 11.5575**.

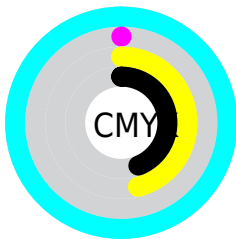
Distribution



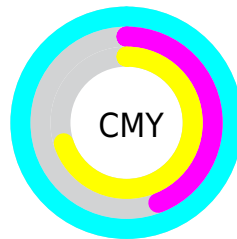
- Red (0%)
- Green (56%)
- Blue (30%)



- Red (0%)
- Yellow (36%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0126, 19.8818, 10.2783 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 11.0126, 19.8818, 10.2783 by changing the saturation by 10% instead.

■ 11.0126, 19.8818,
10.2783

■ 11.0126, 19.8818,
10.2783

191.6605,
251.2745, 203.2034

■ 6.1427, 12.3092,
5.4759

■ 27.3162, 43.2189,
26.9336

■ 2.9735, 6.9546,
2.4655

■ 39.4806, 59.7522,
39.6236

■ 1.1398, 3.4337,
0.8218

■ 54.8072, 80.0411,
55.7798

■ 0.0580, 1.3621,
0.0000

■ 73.6613, 104.4701,
75.8208

■ 0.0000, 0.1886,
0.0000

■ 96.4084, 133.4235,
100.1651

■ 0.0000, 0.0000,
0.0000

■ 123.4137,

167.2858, 129.2313

155.0426,
206.4414, 163.4379

■ 11.0126, 19.8818,
10.2783

■ 11.0126, 19.8818,
10.2783

■ 11.0128, 19.8824,
10.2777

■ 11.4386, 20.0741,
11.5575

■ 12.0092, 20.3376,
12.9661

■ 12.7880, 20.7058,
14.5109

■ 13.7984, 21.1904,
16.1959

■ 15.0604, 21.8018,
18.0253

■ 16.5918, 22.5491,
20.0026

■ 18.4085, 23.4404,
22.1314

■ 20.5255, 24.4834,
24.4151

■ 22.9565, 25.6851,
26.8571

Harmonies

Analogous

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



13.8367, 19.8818, 4.7627



11.0126, 19.8818, 10.2783



10.1687, 19.8818, 22.6695

Triad

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



11.0126, 19.8818, 10.2783



19.2505, 19.8818, 68.2839



29.3839, 19.8818, 9.2539

Complementary

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



11.0126, 19.8818, 10.2783



12.1104, 6.1330, 5.5485

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.



31.5744, 19.8818, 20.6574



11.0126, 19.8818, 10.2783



25.0614, 19.8818, 58.9335

Square

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



11.0126, 19.8818, 10.2783



14.3369, 19.8818, 60.9167



29.8579, 19.8818, 39.2965



24.3342, 19.8818, 4.4054

Rectangle

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



11.0126, 19.8818, 10.2783



10.6786, 19.8818, 35.0400



29.8579, 19.8818, 39.2965



30.5188, 19.8818, 12.1941

Sweetspot

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



11.0131, 19.8826, 10.2788



32.2428, 41.2266, 38.7801



11.9387, 20.5145, 3.3308



6.9268, 9.0731, 8.3467



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.



11.0131, 19.8826, 10.2788



19.3361, 35.0265, 17.6847



13.8668, 19.9211, 28.7064



5.4575, 6.0752, 6.3749



9.8968, 17.8546, 9.2769



0.1058, 0.1752, 0.1473

Inverse Universe

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



12.1104, 6.1330, 5.5485



21.2736, 10.7819, 9.3574



11.2073, 5.8540, 0.5396



5.5051, 5.4626, 6.1579



10.8817, 5.5097, 5.0286



0.1149, 0.0570, 0.1055

Previews

White Background



This preview shows how the XYZ color 11.0126, 19.8818, 10.2783 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 11.0126, 19.8818, 10.2783 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 11.0126, 19.8818, 10.2783

Background



This preview shows how black text looks on a background with the XYZ color 11.0126, 19.8818, 10.2783.



This preview shows how white text looks on a background with the XYZ color 11.0126, 19.8818,

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

11.0126, 19.8818, 10.2783

Protanopia

18.1801, 19.7590, 8.6500

Deuteranopia

19.9552, 19.5502, 10.9054



Tritanopia

15.1041, 19.8514, 29.8237

Trichromacy



Original Color

11.0126, 19.8818, 10.2783



Protanomaly

13.0230, 18.4247, 9.1733



Deuteranomaly

13.5622, 17.8955, 10.5240



Tritanomaly

12.9955, 19.5875, 20.8651

Monochromacy



Original Color

11.0126, 19.8818, 10.2783



Achromatopsia

10.1725, 10.7023, 11.6548



Achromatomaly

9.0999, 12.7698, 11.0020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0126, 19.8818, 10.2783 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, 142, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 77)  
}
```

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, 142, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 77) }
```

Border

The CSS property to change the border of an element to XYZ 11.0126, 19.8818, 10.2783 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, 142, 77) }
```


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

```
.border{ border-color:rgb(0, 142, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 142, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 142, 77); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 142, 77); box-shadow:4px 4px 4px 4px rgb(0, 142, 77) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0126, 19.8818, 10.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 77) }
```

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

```
.background{ background-color: rgb(0, 142,  
77) }
```

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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