

Converting Colors

XYZ(8.9126, 19.7489, 9.9772)

Have a look what the booklet for
XYZ(8.9126, 19.7489, 9.9772)
contains.

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Color

**XYZ(11.5489, 21.0658,
10.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	00924B
RGB	0, 146, 75
RGB Percent	0%, 57%, 29%
CMY	1.0000, 0.4274, 0.7059
CMYK	1.00, 0.00, 0.49, 0.43
HSL	151°, 100%, 29%
HSV	151°, 100%, 57%
XYZ	11.5489, 21.0658, 10.1140
YIQ	94.2520, -64.2250, -53.0330

Conversions

Conversions Part 2

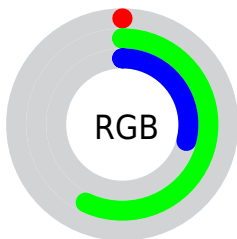
Format	Color
RYB	0, 96, 146
Decimal	37451
CIELab	53.02, -49.86, 28.43
CIELCh	53, 57.391, 150.311
Yxy	21.0658, 0.2703, 0.4930
Android (android.graphics.Color)	4278227531 (0xFF00924B)
YUV	94.2520, -9.4912, -82.6590
Hunter-Lab	45.8975, -35.4058, 19.0631

Details

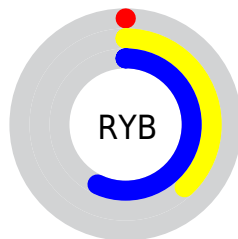
The XYZ color **11.5489, 21.0658, 10.1140** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **12.9921, 6.5664, 6.5450**, and the grayscale version is **10.7324, 11.2914, 12.2963**.

A 20% lighter version of the original color is **28.2445, 45.1388, 26.6261**, and **4.2123, 8.0892, 2.4380** is the 20% darker color. If you saturate the color by 10%, you get **11.5493, 21.0666, 10.1140**, and if you desaturate by 10%, it is **11.9968, 21.2676, 11.4758**.

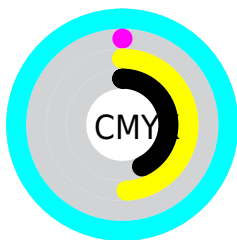
Distribution



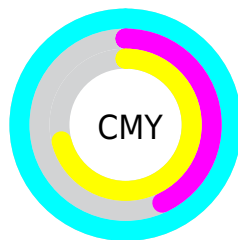
- Red (0%)
- Green (57%)
- Blue (29%)



- Red (0%)
- Yellow (38%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5489, 21.0658, 10.1140 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 11.5489, 21.0658, 10.1140 by changing the saturation by 10% instead.

■ 11.5489, 21.0658,
10.1140

■ 11.5489, 21.0658,
10.1140

195.2271,
257.6280, 201.9981

■ 6.5073, 13.1721,
5.3680

■ 28.2949, 45.1970,
26.6209

■ 3.1995, 7.5472,
2.4023

■ 40.7299, 62.2033,
39.2188

■ 1.2601, 3.8066,
0.7877

■ 56.3602, 83.0160,
55.2712

■ 0.1531, 1.5660,
0.0000

■ 75.5510, 108.0194,
75.1965

■ 0.0000, 0.3345,
0.0000

■ 98.6678, 137.5978,
99.4133

■ 0.0000, 0.0000,
0.0000

■ 126.0758,

172.1358, 128.3402

158.1405,
212.0178, 162.3956

■ 11.5489, 21.0658,
10.1140

■ 11.5489, 21.0658,
10.1140

■ 11.5493, 21.0666,
10.1140

■ 11.9968, 21.2676,
11.4758

■ 12.6035, 21.5475,
12.9907

■ 13.4350, 21.9399,
14.6663

■ 14.5164, 22.4578,
16.5080

■ 15.8695, 23.1121,
18.5207

■ 17.5133, 23.9128,
20.7090

■ 19.4652, 24.8686,
23.0774

■ 21.7411, 25.9878,
25.6301

■ 24.3560, 27.2779,
28.3712

Harmonies

Analogous

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



14.7253, 21.0658, 4.5605



11.5489, 21.0658, 10.1140



10.5267, 21.0658, 23.1174

Triad

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



11.5489, 21.0658, 10.1140



20.0853, 21.0658, 74.6981



31.7842, 21.0658, 9.9346

Complementary

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



11.5489, 21.0658, 10.1140



12.9921, 6.5664, 6.5450

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.



33.9885, 21.0658, 22.7576



11.5489, 21.0658, 10.1140



26.4582, 21.0658, 65.1690

Square

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



11.5489, 21.0658, 10.1140



14.8141, 21.0658, 65.5306



31.8697, 21.0658, 43.6124



26.3274, 21.0658, 4.4995

Rectangle

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



11.5489, 21.0658, 10.1140



11.0029, 21.0658, 36.4918



31.8697, 21.0658, 43.6124



32.9738, 21.0658, 13.2388

Sweetspot

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



11.5494, 21.0667, 10.1145



34.1109, 43.7582, 40.4450



13.0273, 21.9752, 3.5552



7.2898, 9.5881, 8.6426



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



11.5494, 21.0667, 10.1145



20.2876, 37.1281, 17.3898



15.4679, 22.6340, 30.7488



5.8465, 6.5152, 6.8025



10.1743, 18.5425, 8.9594



0.1394, 0.2329, 0.1881

Inverse Universe

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



12.9921, 6.5664, 6.5450



22.8336, 11.5491, 11.0979



11.8546, 6.1114, 0.5550



5.9113, 5.8596, 6.6389



11.4438, 5.7826, 5.8178



0.1549, 0.0767, 0.1491

Previews

White Background



This preview shows how the XYZ color 11.5489, 21.0658, 10.1140 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 11.5489, 21.0658, 10.1140 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 11.5489, 21.0658, 10.1140

Background



This preview shows how black text looks on a background with the XYZ color 11.5489, 21.0658, 10.1140.



This preview shows how white text looks on a background with the XYZ color 11.5489, 21.0658,

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

11.5489, 21.0658, 10.1140

Protanopia

19.1517, 20.8280, 8.4797

Deuteranopia

21.1506, 20.7024, 10.6658



Tritanopia

16.1442, 21.1876, 31.6725

Trichromacy



Original Color

11.5489, 21.0658, 10.1140

Protanomaly

13.5494, 19.3047, 8.9733

Deuteranomaly

14.1913, 18.8064, 10.2792

Tritanomaly

13.7653, 20.8300, 21.7074

Monochromacy



Original Color

11.5489, 21.0658, 10.1140

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

9.4889, 13.4590, 11.1146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5489, 21.0658, 10.1140 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, 146, 75)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 75)  
}
```

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, 146, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 75) }
```

Border

The CSS property to change the border of an element to XYZ 11.5489, 21.0658, 10.1140 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, 146, 75) }
```


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

```
.border{ border-color:rgb(0, 146, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 75);  
box-shadow:4px 4px 4px 4px rgb(0, 146, 75)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5489, 21.0658, 10.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 75) }
```

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

```
.background{ background-color: rgb(0, 146,  
75) }
```

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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