

Converting Colors

XYZ(10.8546, 19.6333, 10.0153)

Have a look what the booklet for
XYZ(10.8546, 19.6333, 10.0153)
contains.

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Color

**XYZ(10.8294, 19.5716,
10.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	008D4C
RGB	0, 141, 76
RGB Percent	0%, 55%, 30%
CMY	1.0000, 0.4470, 0.7020
CMYK	1.00, 0.00, 0.46, 0.45
HSL	152°, 100%, 28%
HSV	152°, 100%, 55%
XYZ	10.8294, 19.5716, 10.0444
YIQ	91.4310, -63.1710, -50.1070

Conversions

Conversions Part 2

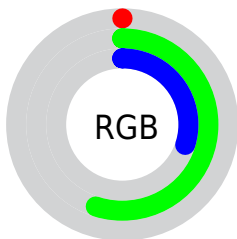
Format	Color
RYB	0, 92, 141
Decimal	36172
CIELab	51.35, -47.90, 25.75
CIELCh	51, 54.386, 151.739
Yxy	19.5716, 0.2678, 0.4839
Android (android.graphics.Color)	4278226252 (0xFF008D4C)
YUV	91.4310, -7.6075, -80.1850
Hunter-Lab	44.2398, -33.7249, 17.5064

Details

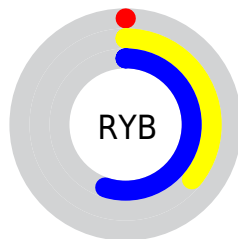
The XYZ color **10.8294, 19.5716, 10.0444** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11.9393, 6.0448, 5.5394**, and the grayscale version is **10.0700, 10.5944, 11.5373**.

A 20% lighter version of the original color is **27.0731, 42.8252, 26.5779**, and **3.8067, 7.2385, 2.4248** is the 20% darker color. If you saturate the color by 10%, you get **10.8298, 19.5723, 10.0444**, and if you desaturate by 10%, it is **11.2502, 19.7616, 11.3046**.

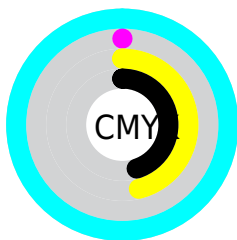
Distribution



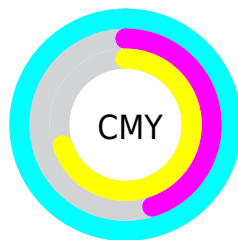
- Red (0%)
- Green (55%)
- Blue (30%)



- Red (0%)
- Yellow (36%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (45%)





- Cyan (100%)
- Magenta (45%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 10.8294, 19.5716, 10.0444 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 10.8294, 19.5716, 10.0444 by changing the saturation by 10% instead.


 10.8294, 19.5716,
10.0444


 10.8294, 19.5716,
10.0444


190.4259,
249.5864, 201.4850


 6.0187, 12.0840,
5.3224


 26.9800, 42.6978,
26.4881


 2.8972, 6.8009,
2.3756


 39.0506, 59.1051,
39.0469


 1.0996, 3.3379,
0.7731

 54.2719, 79.2546,
55.0550

 0.0248, 1.3106,
0.0000

 73.0092, 103.5305,
74.9311

 0.0000, 0.1494,
0.0000

 95.6279, 132.3172,
99.0936

 0.0000, 0.0000,
0.0000

 122.4934,

165.9992, 127.9610

153.9709,
204.9608, 161.9520

■ 10.8294, 19.5716,
10.0444

■ 10.8294, 19.5716,
10.0444

■ 10.8298, 19.5723,
10.0444

■ 11.2502, 19.7616,
11.3046

■ 11.8131, 20.0216,
12.6937

■ 12.5812, 20.3846,
14.2182

■ 13.5774, 20.8624,
15.8824

■ 14.8214, 21.4650,
17.6902

■ 16.3307, 22.2013,
19.6453

■ 18.1211, 23.0796,
21.7513

■ 20.2071, 24.1071,
24.0117

■ 22.6022, 25.2908,
26.4296

Harmonies

Analogous

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



13.6265, 19.5716, 4.6418



10.8294, 19.5716, 10.0444



9.9867, 19.5716, 22.2319

Triad

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



10.8294, 19.5716, 10.0444



18.9213, 19.5716, 67.4361



28.9856, 19.5716, 9.1210

Complementary

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



10.8294, 19.5716, 10.0444



11.9393, 6.0448, 5.5394

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.



31.1315, 19.5716, 20.4143



10.8294, 19.5716, 10.0444



24.6620, 19.5716, 58.2644

Square

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



10.8294, 19.5716, 10.0444



14.0780, 19.5716, 60.0594



29.4142, 19.5716, 38.8639



24.0046, 19.5716, 4.3206

Rectangle

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



10.8294, 19.5716, 10.0444



10.4827, 19.5716, 34.4353



29.4142, 19.5716, 38.8639



30.1017, 19.5716, 12.0326

Sweetspot

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



10.8299, 19.5724, 10.0449



32.2275, 41.2204, 38.6994



11.7589, 20.2020, 3.2798



6.9230, 9.0716, 8.3270



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.



10.8299, 19.5724, 10.0449



19.3077, 35.0151, 17.5351



13.6548, 19.6169, 28.2671



5.4568, 6.0749, 6.3712



9.8824, 17.8488, 9.2007



0.1056, 0.1751, 0.1466

Inverse Universe

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



11.9393, 6.0448, 5.5394



21.2969, 10.7912, 9.4802



11.0360, 5.7651, 0.5313



5.5058, 5.4629, 6.1616



10.8937, 5.5145, 5.0917



0.1151, 0.0571, 0.1062

Previews

White Background



This preview shows how the XYZ color 10.8294, 19.5716, 10.0444 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 10.8294, 19.5716, 10.0444 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 10.8294, 19.5716, 10.0444

Background



This preview shows how black text looks on a background with the XYZ color 10.8294, 19.5716, 10.0444.



This preview shows how white text looks on a background with the XYZ color 10.8294, 19.5716,

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

10.8294, 19.5716, 10.0444

Protanopia

17.8652, 19.4171, 8.4365

Deuteranopia

19.6224, 19.2110, 10.6565



Tritanopia

14.8898, 19.5456, 29.3735

Trichromacy



Original Color

10.8294, 19.5716, 10.0444



Protanomaly

12.7663, 18.0997, 8.9516



Deuteranomaly

13.2958, 17.5736, 10.2807



Tritanomaly

12.7936, 19.2803, 20.4999

Monochromacy



Original Color

10.8294, 19.5716, 10.0444



Achromatopsia

9.9438, 10.4616, 11.3927



Achromatomaly

8.8933, 12.5087, 10.7498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8294, 19.5716, 10.0444 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 141, 76)  
}
```

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, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 76) }
```

Border

The CSS property to change the border of an element to XYZ 10.8294, 19.5716, 10.0444 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, 76) }
```


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

```
.border{ border-color:rgb(0, 141, 76) }
```

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, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 141, 76)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.8294, 19.5716, 10.0444 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, 76) }
```

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

```
.background{ background-color: rgb(0, 141,  
76) }
```

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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