

Converting Colors

XYZ(1.3079, 10.2081, 7.2633)

Have a look what the booklet for
XYZ(1.3079, 10.2081, 7.2633)
contains.

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Color

**XYZ(7.4916, 13.3621,
7.4945)**

Conversions

Conversions Part 1

Format	Color
Hex	007643
RGB	0, 118, 67
RGB Percent	0%, 46%, 26%
CMY	1.0000, 0.5372, 0.7372
CMYK	1.00, 0.00, 0.43, 0.54
HSL	154°, 100%, 23%
HSV	154°, 100%, 46%
XYZ	7.4916, 13.3621, 7.4945
YIQ	76.9040, -53.9570, -40.8770

Conversions

Conversions Part 2

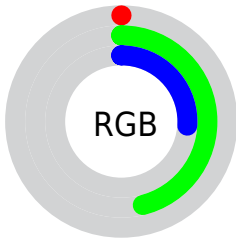
Format	Color
RYB	0, 75, 118
Decimal	30275
CIELab	43.30, -41.24, 20.28
CIELCh	43, 45.959, 153.810
Yxy	13.3621, 0.2643, 0.4714
Android (android.graphics.Color)	4278220355 (0xFF007643)
YUV	76.9040, -4.8827, -67.4448
Hunter-Lab	36.5542, -27.3872, 13.4321

Details

The XYZ color **7.4916, 13.3621, 7.4945** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8.0693, 4.0910, 3.4975**, and the grayscale version is **7.0529, 7.4202, 8.0806**.

A 20% lighter version of the original color is **20.6169, 31.8826, 21.5903**, and **2.2218, 4.1961, 1.5034** is the 20% darker color. If you saturate the color by 10%, you get **7.4917, 13.3625, 7.4941**, and if you desaturate by 10%, it is **7.8007, 13.5033, 8.3436**.

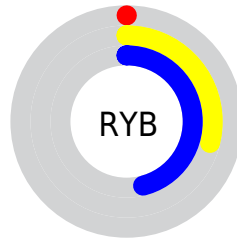
Distribution



Red (0%)

Green (46%)

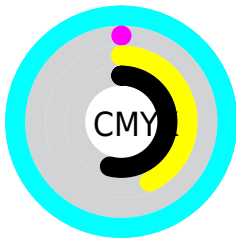
Blue (26%)



Red (0%)

Yellow (29%)

Blue (46%)

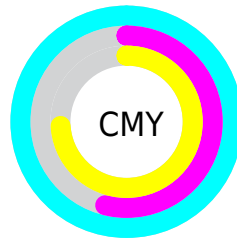


Cyan (100%)

Magenta (0%)

Yellow (43%)

Black (54%)



Cyan (100%)


Magenta (54%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.4916, 13.3621, 7.4945 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 7.4916, 13.3621, 7.4945 by changing the saturation by 10% instead.


 7.4916, 13.3621,
7.4945


 7.4916, 13.3621,
7.4945


166.1455,
213.2255, 181.4955


 3.8204, 7.6784,
3.6901


 20.6507, 31.9528,
21.4909


 1.6011, 3.8898,
1.4569

 30.8693, 45.6285,
32.5200


 0.3931, 1.6121,
0.1855

 44.0011, 62.7371,
46.7944

 0.0000, 0.3658,
0.0000


 60.4114, 83.6628,
64.7328


 0.0000, 0.0000,
0.0000


 80.4657, 108.7901,
86.7535


 104.5292,


138.5034, 113.2752


 132.9674,
173.1870, 144.7163


 7.4916, 13.3621,
7.4945


 7.4916, 13.3621,
7.4945


 7.4917, 13.3625,
7.4941

 7.8007, 13.5033,
8.3436

 8.1929, 13.6854,
9.2685

 8.7203, 13.9357,
10.2735

 9.3975, 14.2614,
11.3609

 10.2368, 14.6690,
12.5329

■ 11.2493, 15.1641,
13.7916

■ 12.4451, 15.7520,
15.1389

■ 13.8335, 16.4374,
16.5767

■ 15.4230, 17.2246,
18.1068

Harmonies

Analogous

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



9.2571, 13.3621, 3.5781



7.4916, 13.3621, 7.4945



7.0180, 13.3621, 15.8922

Triad

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



7.4916, 13.3621, 7.4945



13.1610, 13.3621, 44.2167



19.2848, 13.3621, 6.1350

Complementary

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



7.4916, 13.3621, 7.4945



8.0693, 4.0910, 3.4975

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.



20.8350, 13.3621, 13.2838



7.4916, 13.3621, 7.4945



16.9062, 13.3621, 37.6960

Square

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



7.4916, 13.3621, 7.4945



9.9105, 13.3621, 40.2094



19.8925, 13.3621, 25.0390



15.9699, 13.3621, 3.0903

Rectangle

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



7.4916, 13.3621, 7.4945



7.4074, 13.3621, 23.9937



19.8925, 13.3621, 25.0390



20.0550, 13.3621, 7.9790

Sweetspot

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



7.4919, 13.3626, 7.4948



21.7114, 27.6124, 26.4338



7.8510, 13.6648, 2.2241



4.8262, 6.2670, 5.8952



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



7.4919, 13.3626, 7.4948



13.1061, 23.4684, 12.8277



8.8608, 12.4893, 19.0838



3.7196, 4.1298, 4.3572



8.0983, 14.4533, 8.0740



39.0283, 70.2586, 37.0499

Inverse Universe

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



8.0693, 4.0910, 3.4975



14.1241, 7.1672, 5.8137



7.5570, 4.0227, 0.3784



3.7436, 3.7247, 4.1764



8.7232, 4.4230, 3.7508



42.0961, 21.3886, 16.1014

Previews

White Background



This preview shows how the XYZ color 7.4916, 13.3621, 7.4945 looks on a white background.

Color Contrast Check

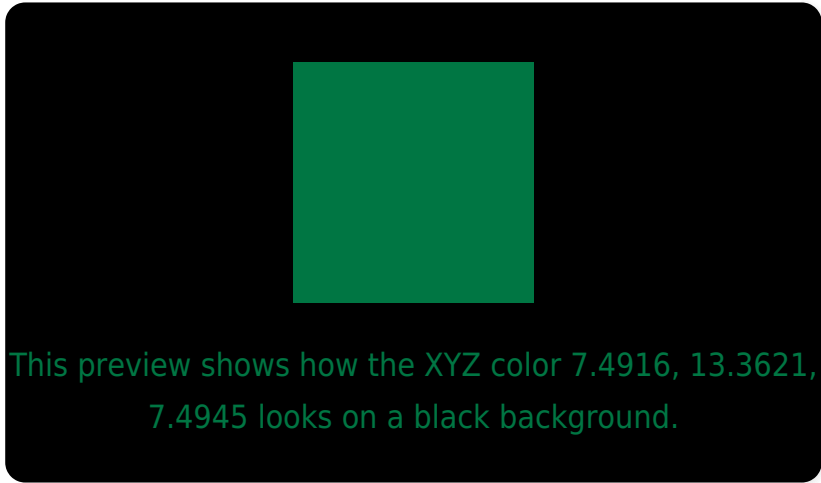
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 7.4916, 13.3621, 7.4945

Background



This preview shows how black text looks on a background with the XYZ color 7.4916, 13.3621, 7.4945.



This preview shows how white text looks on a background with the XYZ color 7.4916, 13.3621, 7.4945.

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

7.4916, 13.3621, 7.4945

Protanopia

12.2758, 13.2844, 6.3320

Deuteranopia

13.4225, 13.2682, 7.9845



Tritanopia

10.2841, 13.5043, 20.1537

Trichromacy



Original Color

7.4916, 13.3621, 7.4945

Protanomaly

8.8583, 12.4236, 6.6337

Deuteranomaly

9.2176, 12.1231, 7.6485

Tritanomaly

8.8452, 13.2211, 14.3977

Monochromacy



Original Color

7.4916, 13.3621, 7.4945

Achromatopsia

7.0540, 7.4214, 8.0819

Achromatomaly

6.2964, 8.7883, 7.6678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.4916, 13.3621, 7.4945 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, 118, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 67)  
}
```

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, 118, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 67) }
```

Border

The CSS property to change the border of an element to XYZ 7.4916, 13.3621, 7.4945 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, 118, 67) }
```


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

```
.border{ border-color:rgb(0, 118, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 118, 67)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.4916, 13.3621, 7.4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 67) }
```

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

```
.background{ background-color: rgb(0, 118,  
67) }
```

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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