

Converting Colors

XYZ(7.1551, 14.0191, 2.3863)

Have a look what the booklet for
XYZ(7.1551, 14.0191, 2.3863)
contains.

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Color

**XYZ(7.1516, 14.0168,
2.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	0E7A02
RGB	14, 122, 2
RGB Percent	5%, 48%, 1%
CMY	0.9451, 0.5216, 0.9921
CMYK	0.89, 0.00, 0.98, 0.52
HSL	114°, 97%, 24%
HSV	114°, 98%, 48%
XYZ	7.1516, 14.0168, 2.3860
YIQ	76.0280, -25.8480, -60.2160

Conversions

Conversions Part 2

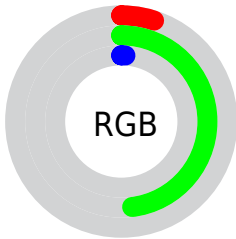
Format	Color
R_{YB}	2, 122, 110
Decimal	948738
CIE Lab	44.26, -48.64, 47.92
CIE LCh	44, 68.285, 135.427
Yxy	14.0168, 0.3036, 0.5951
Android (android.graphics.Color)	4279138818 (0xFF0E7A02)
YUV	76.0280, -36.4958, -54.3986
Hunter-Lab	37.4390, -31.4212, 22.4287

Details

The XYZ color **7.1516, 14.0168, 2.3860** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **9.9662, 4.7643, 18.8074**, and the grayscale version is **6.9434, 7.3050, 7.9551**.

A 20% lighter version of the original color is **20.0787, 33.2944, 10.0708**, and **2.3174, 4.6347, 0.7725** is the 20% darker color. If you saturate the color by 10%, you get **7.1142, 13.9992, 2.3272**, and if you desaturate by 10%, it is **7.4409, 14.1583, 2.7635**.

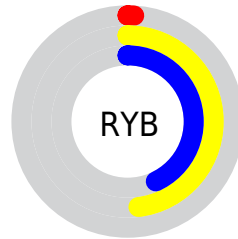
Distribution



Red (5%)

Green (48%)

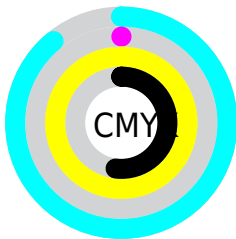
Blue (1%)



Red (1%)

Yellow (48%)

Blue (43%)

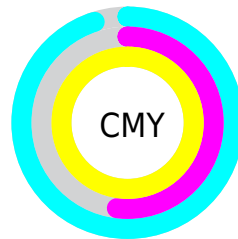


Cyan (89%)

Magenta (0%)

Yellow (98%)

Black (52%)



Cyan (95%)


Magenta (52%)


Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.1516, 14.0168, 2.3860 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 7.1516, 14.0168, 2.3860 by changing the saturation by 10% instead.


 7.1516, 14.0168,
2.3860


 7.1516, 14.0168,
2.3860


163.4349,
217.3353, 128.1089


 3.6043, 8.1324,
0.7788


 19.9793, 33.1188,
10.0715


 1.4808, 4.1798,
0.0000

 29.9903, 47.1052,
16.9986


 0.3127, 1.7746,
0.0000

 42.8866, 64.5610,
26.5399

 0.0000, 0.4713,
0.0000


 59.0336, 85.8706,
39.1139


 0.0000, 0.0000,
0.0000


 78.7965, 111.4185,
55.1393


 102.5408,


141.5890, 75.0346


 130.6318,
176.7664, 99.2182


 7.1516, 14.0168,
2.3860


 7.1516, 14.0168,
2.3860


 7.1142, 13.9992,
2.3272

 7.4409, 14.1583,
2.7635

 7.8771, 14.3704,
3.3599

 8.4892, 14.6665,
4.2690

 9.2936, 15.0542,
5.5257

 10.3047, 15.5403,
7.1603

■ 11.5356, 16.1310,
9.1997

■ 12.9981, 16.8318,
11.6684

■ 14.7033, 17.6480,
14.5890

■ 16.6617, 18.5845,
17.9825

Harmonies

Analogous

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



10.7183, 14.0168, 0.7327



7.1516, 14.0168, 2.3860



5.5210, 14.0168, 8.8729

Triad

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



7.1516, 14.0168, 2.3860



10.8496, 14.0168, 66.8438



26.2359, 14.0168, 8.5749

Complementary

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



7.1516, 14.0168, 2.3860



9.9662, 4.7643, 18.8074

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.



26.2996, 14.0168, 24.1556



7.1516, 14.0168, 2.3860



16.3177, 14.0168, 66.5338

Square

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



7.1516, 14.0168, 2.3860



7.2249, 14.0168, 48.3030



22.2973, 14.0168, 47.6233



22.1417, 14.0168, 2.2952

Rectangle

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



7.1516, 14.0168, 2.3860



5.3608, 14.0168, 18.2884



22.2973, 14.0168, 47.6233



26.7602, 14.0168, 12.5892

Sweetspot

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



7.1519, 14.0174, 2.3863



22.2194, 29.3010, 19.4284



13.6136, 15.2946, 2.2923



4.8794, 6.6034, 4.1024



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



7.1519, 14.0174, 2.3863



12.4543, 24.5963, 4.0912



7.5608, 14.1629, 5.3534



3.9847, 4.4674, 4.2768



7.4858, 14.7363, 2.4498



35.3586, 70.1134, 11.6697

Inverse Universe

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



9.9662, 4.7643, 18.8074



17.3865, 8.2492, 33.0688



9.2843, 4.6758, 6.8925



4.1169, 4.0581, 5.0095



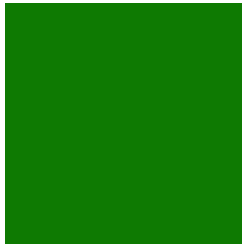
10.4393, 4.9544, 19.7914



49.3889, 23.4229, 94.3878

Previews

White Background



This preview shows how the XYZ color 7.1516, 14.0168, 2.3860 looks on a white background.

Color Contrast Check

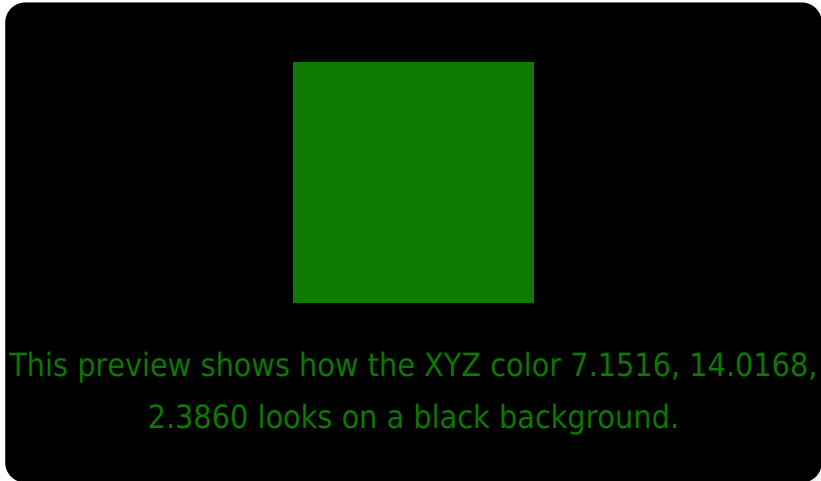
Large Text (above 18pt) WCAG AA ✓ Pass

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

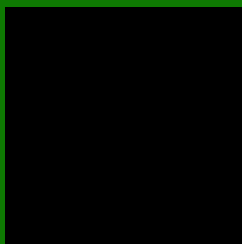
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.1516, 14.0168, 2.3860

Background



This preview shows how black text looks on a background with the XYZ color 7.1516, 14.0168, 2.3860.



This preview shows how white text looks on a background with the XYZ color 7.1516, 14.0168,

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

7.1516, 14.0168, 2.3860

Protanopia

12.5228, 13.9547, 2.0335

Deuteranopia

14.0084, 13.8236, 2.9072



Tritanopia

10.9485, 13.9972, 20.8636

Trichromacy



Original Color

7.1516, 14.0168, 2.3860

Protanomaly

8.9982, 13.0765, 2.0785

Deuteranomaly

9.3834, 12.6306, 2.4737

Tritanomaly

8.4934, 13.4866, 9.5527

Monochromacy



Original Color

7.1516, 14.0168, 2.3860

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

5.9369, 8.8073, 4.2928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.1516, 14.0168, 2.3860 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(14, 122, 2)` looks like.

```
.text, #text, p{  
    color:rgb(14, 122, 2)  
}
```

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(14, 122, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 122, 2) }
```

Border

The CSS property to change the border of an element to XYZ 7.1516, 14.0168, 2.3860 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(14, 122, 2) }
```


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

```
.border{ border-color:rgb(14, 122, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 122, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 122, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 122, 2);  
box-shadow:4px 4px 4px 4px rgb(14, 122, 2)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.1516, 14.0168, 2.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 122, 2) }
```

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

```
.background{ background-color: rgb(14, 122,  
2) }
```

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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