

Converting Colors

XYZ(7.0725, 14.0504, 2.3392)

Have a look what the booklet for
XYZ(7.0725, 14.0504, 2.3392)
contains.

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Color

**XYZ(7.0221, 13.9513,
2.3228)**

Conversions

Conversions Part 1

Format	Color
Hex	057A00
RGB	5, 122, 0
RGB Percent	2%, 48%, 0%
CMY	0.9804, 0.5216, 1.0000
CMYK	0.96, 0.00, 1.00, 0.52
HSL	118°, 100%, 24%
HSV	118°, 100%, 48%
XYZ	7.0221, 13.9513, 2.3228
YIQ	73.1090, -30.5700, -62.7460

Conversions

Conversions Part 2

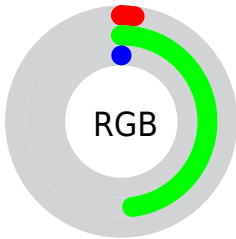
Format	Color
RYB	0, 122, 117
Decimal	358912
CIELab	44.16, -49.52, 48.26
CIElCh	44, 69.147, 135.738
Yxy	13.9513, 0.3014, 0.5989
Android (android.graphics.Color)	4278548992 (0xFF057A00)
YUV	73.1090, -36.0427, -59.7316
Hunter-Lab	37.3514, -31.8069, 22.4589

Details

The XYZ color **7.0221, 13.9513, 2.3228** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **10.8508, 5.1881, 18.8426**, and the grayscale version is **6.4173, 6.7515, 7.3524**.

A 20% lighter version of the original color is **19.7882, 33.1478, 9.9126**, and **2.3174, 4.6347, 0.7725** is the 20% darker color. If you saturate the color by 10%, you get **7.0223, 13.9518, 2.3229**, and if you desaturate by 10%, it is **7.2533, 14.0631, 2.6867**.

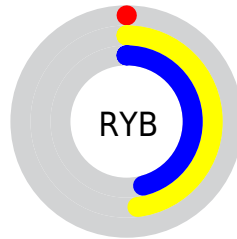
Distribution



Red (2%)

Green (48%)

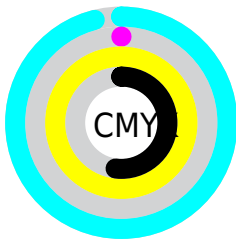
Blue (0%)



Red (0%)

Yellow (48%)

Blue (46%)

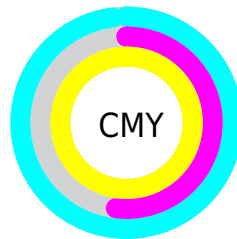


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (98%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.0221, 13.9513, 2.3228 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 7.0221, 13.9513, 2.3228 by changing the saturation by 10% instead.

■ 7.0221, 13.9513,
2.3228

■ 7.0221, 13.9513,
2.3228

162.3879,
216.9277, 127.2035

■ 3.5224, 8.0868,
0.7439

■ 19.7219, 33.0026,
9.9059

■ 1.4357, 4.1505,
0.0000

■ 29.6528, 46.9582,
16.7636

■ 0.2814, 1.7581,
0.0000

■ 42.4580, 64.3796,
26.2234

■ 0.0000, 0.4609,
0.0000


■ 58.5030, 85.6512,
38.7039


■ 0.0000, 0.0000,
0.0000


■ 78.1532, 111.1574,
54.6236


■ 101.7738,


141.2826, 74.4011


 129.7302,
176.4112, 98.4548


 7.0221, 13.9513,
2.3228


 7.0221, 13.9513,
2.3228


 7.0223, 13.9518,
2.3229

 7.2533, 14.0631,
2.6867

 7.6189, 14.2398,
3.2336

 8.1667, 14.5039,
4.0874

 8.9163, 14.8646,
5.2839

 9.8847, 15.3301,
6.8543

■ 11.0872, 15.9076,
8.8260

■ 12.5377, 16.6038,
11.2241

■ 14.2489, 17.4247,
14.0714

■ 16.2330, 18.3762,
17.3893

Harmonies

Analogous

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



10.5863, 13.9513, 0.6703



7.0221, 13.9513, 2.3228



5.4078, 13.9513, 8.8683

Triad

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



7.0221, 13.9513, 2.3228



10.8150, 13.9513, 67.7508



26.3145, 13.9513, 8.3509

Complementary

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



7.0221, 13.9513, 2.3228



10.8508, 5.1881, 18.8426

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.



26.4262, 13.9513, 23.9711



7.0221, 13.9513, 2.3228



16.3505, 13.9513, 67.2037

Square

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



7.0221, 13.9513, 2.3228



7.1493, 13.9513, 48.9851



22.3997, 13.9513, 47.7876



22.1269, 13.9513, 2.1682

Rectangle

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



7.0221, 13.9513, 2.3228



5.2586, 13.9513, 18.4346



22.3997, 13.9513, 47.7876



26.8622, 13.9513, 12.3514

Sweetspot

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



7.0224, 13.9519, 2.3231



21.8550, 29.1132, 19.4114



14.2606, 16.6061, 2.4539



4.7918, 6.5582, 4.0983



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.



7.0224, 13.9519, 2.3231



12.3249, 24.5296, 4.0851



7.6472, 14.1946, 5.9394



3.9647, 4.4571, 4.2758



7.3913, 14.6876, 2.4454



35.0812, 69.9704, 11.6567

Inverse Universe

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



10.8508, 5.1881, 18.8426



19.0604, 9.1121, 33.1471



9.0427, 4.5444, 5.7273



4.1391, 4.0696, 5.0105



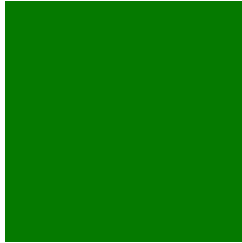
11.4219, 5.4609, 19.8374



54.3024, 25.9559, 94.6177

Previews

White Background



This preview shows how the XYZ color 7.0221, 13.9513, 2.3228 looks on a white background.

Color Contrast Check

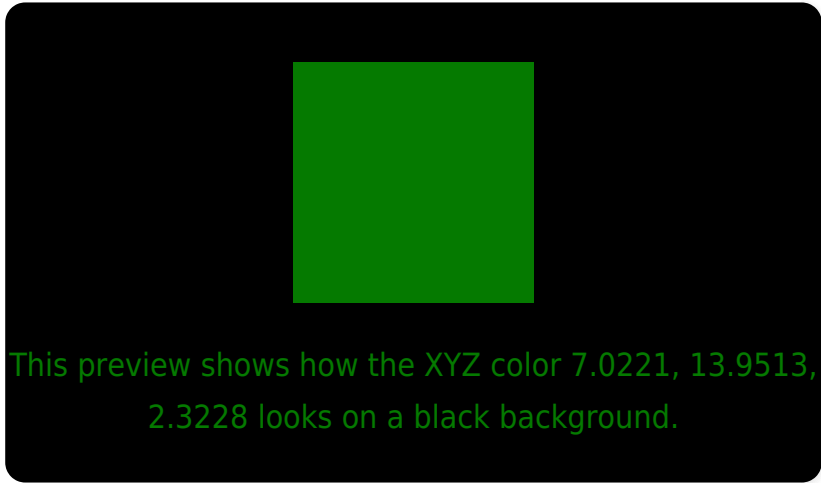
Large Text (above 18pt) WCAG AA ✓ Pass

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

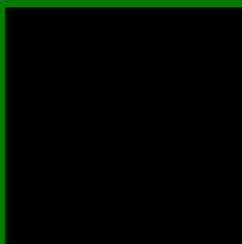
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.0221, 13.9513, 2.3228

Background



This preview shows how black text looks on a background with the XYZ color 7.0221, 13.9513, 2.3228.



This preview shows how white text looks on a background with the XYZ color 7.0221, 13.9513,

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

7.0221, 13.9513, 2.3228

Protanopia

12.4215, 13.7522, 1.9998

Deuteranopia

14.0084, 13.8236, 2.9072



Tritanopia

10.8455, 13.9441, 20.8588

Trichromacy



Original Color

7.0221, 13.9513, 2.3228



Protanomaly

8.7450, 12.9467, 2.0380



Deuteranomaly

9.1052, 12.4872, 2.4607



Tritanomaly

8.2802, 13.3809, 9.3541

Monochromacy



Original Color

7.0221, 13.9513, 2.3228



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

5.4532, 8.3078, 3.9009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.0221, 13.9513, 2.3228 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(5, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(5, 122, 0)  
}
```

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(5, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 122, 0) }
```

Border

The CSS property to change the border of an element to XYZ 7.0221, 13.9513, 2.3228 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(5, 122, 0) }
```


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

```
.border{ border-color:rgb(5, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 122, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 122, 0); box-shadow:4px  
4px 4px 4px rgb(5, 122, 0) }
```

Background

The CSS property to change the background color of an element to XYZ 7.0221, 13.9513, 2.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 122, 0) }
```

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

```
.background{ background-color: rgb(5, 122,  
0) }
```

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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