

Converting Colors

XYZ(6.9540, 14.0551, 1.2248)

Have a look what the booklet for
XYZ(6.9540, 14.0551, 1.2248)
contains.

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Color

**XYZ(7.2210, 14.2371,
2.3674)**

Conversions

Conversions Part 1

Format	Color
Hex	0B7B00
RGB	11, 123, 0
RGB Percent	4%, 48%, 0%
CMY	0.9569, 0.5176, 1.0000
CMYK	0.91, 0.00, 1.00, 0.52
HSL	115°, 100%, 24%
HSV	115°, 100%, 48%
XYZ	7.2210, 14.2371, 2.3674
YIQ	75.4900, -27.2690, -61.9970

Conversions

Conversions Part 2

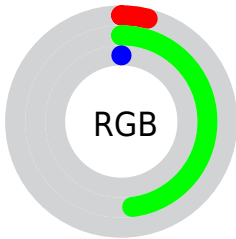
Format	Color
R_{YB}	0, 123, 112
Decimal	752384
CIE _{Lab}	44.57, -49.32, 48.61
CIE _{LCh}	45, 69.247, 135.412
Yxy	14.2371, 0.3031, 0.5976
Android (android.graphics.Color)	4278942464 (0xFF0B7B00)
YUV	75.4900, -37.2166, -56.5577
Hunter-Lab	37.7321, -31.8706, 22.6925

Details

The XYZ color **7.2210, 14.2371, 2.3674** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **10.2583, 4.8754, 19.1401**, and the grayscale version is **6.8461, 7.2027, 7.8437**.

A 20% lighter version of the original color is **20.1589, 33.6311, 9.9864**, and **2.3174, 4.6347, 0.7725** is the 20% darker color. If you saturate the color by 10%, you get **7.2212, 14.2376, 2.3675**, and if you desaturate by 10%, it is **7.4869, 14.3667, 2.7362**.

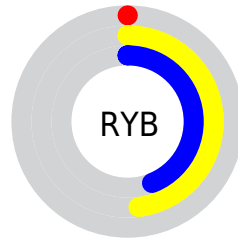
Distribution



Red (4%)

Green (48%)

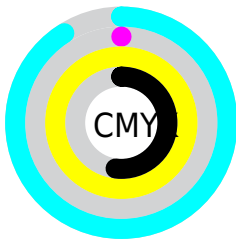
Blue (0%)



Red (0%)

Yellow (48%)

Blue (44%)

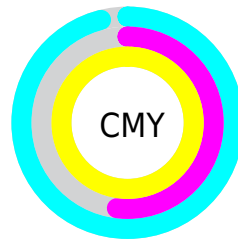


Cyan (91%)

Magenta (0%)

Yellow (100%)

Black (52%)



Cyan (96%)


Magenta (52%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.2210, 14.2371, 2.3674 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 7.2210, 14.2371, 2.3674 by changing the saturation by 10% instead.


 7.2210, 14.2371,
2.3674


 7.2210, 14.2371,
2.3674


163.9926,
218.7009, 127.8436


 3.6483, 8.2858,
0.7686


 20.1168, 33.5091,
10.0229


 1.5051, 4.2783,
0.0000

 30.1706, 47.5986,
16.9296


 0.3293, 1.8304,
0.0000

 43.1154, 65.1696,
26.4470

 0.0000, 0.5060,
0.0000


 59.3166, 86.6065,
38.9937


 0.0000, 0.0000,
0.0000


 79.1396, 112.2937,
54.9882


 102.9496,


142.6155, 74.8489


 131.1122,
177.9565, 98.9946


 7.2210, 14.2371,
2.3674


 7.2210, 14.2371,
2.3674


 7.2212, 14.2376,
2.3675

 7.4869, 14.3667,
2.7362

 7.8947, 14.5650,
3.2928

 8.4806, 14.8484,
4.1617

 9.2620, 15.2251,
5.3793

 10.2544, 15.7024,
6.9773

■ 11.4716, 16.2867,
8.9837

■ 12.9262, 16.9841,
11.4239

■ 14.6301, 17.8001,
14.3212

■ 16.5941, 18.7399,
17.6974

Harmonies

Analogous

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



10.8674, 14.2371, 0.7054



7.2210, 14.2371, 2.3674



5.5576, 14.2371, 8.9600

Triad

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



7.2210, 14.2371, 2.3674



10.9972, 14.2371, 68.5906



26.7923, 14.2371, 8.6659

Complementary

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



7.2210, 14.2371, 2.3674



10.2583, 4.8754, 19.1401

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.



26.8556, 14.2371, 24.6376



7.2210, 14.2371, 2.3674



16.5999, 14.2371, 68.2815

Square

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



7.2210, 14.2371, 2.3674



7.2933, 14.2371, 49.4660



22.7398, 14.2371, 48.7890



22.5853, 14.2371, 2.2789

Rectangle

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



7.2210, 14.2371, 2.3674



5.3940, 14.2371, 18.5960



22.7398, 14.2371, 48.7890



27.3307, 14.2371, 12.7713

Sweetspot

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



7.2213, 14.2377, 2.3677



22.9382, 30.3131, 20.1044



13.8208, 15.5153, 2.2665



5.1795, 7.0324, 4.3597



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



7.2213, 14.2377, 2.3677



12.8706, 25.4639, 4.2367



7.6420, 14.3900, 5.3032



3.9811, 4.4655, 4.2766



7.4676, 14.7269, 2.4490



35.2955, 70.0809, 11.6667

Inverse Universe

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



10.2583, 4.8754, 19.1401



18.3075, 8.6983, 34.2706



9.3982, 4.7030, 6.8564



4.1209, 4.0602, 5.0097



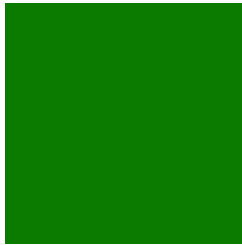
10.6092, 5.0420, 19.7993



50.2370, 23.8601, 94.4275

Previews

White Background



This preview shows how the XYZ color 7.2210, 14.2371, 2.3674 looks on a white background.

Color Contrast Check

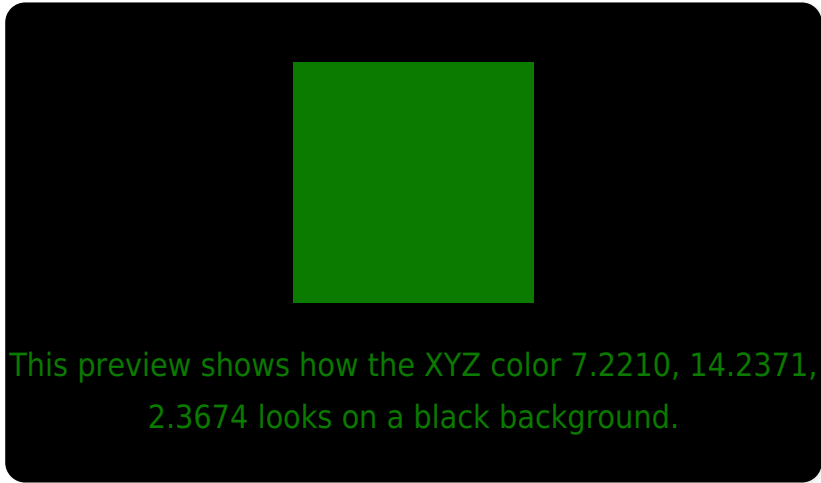
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.2210, 14.2371, 2.3674

Background



This preview shows how black text looks on a background with the XYZ color 7.2210, 14.2371, 2.3674.



This preview shows how white text looks on a background with the XYZ color 7.2210, 14.2371,

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

7.2210, 14.2371, 2.3674

Protanopia

12.6593, 14.0251, 2.0399

Deuteranopia

14.2707, 14.0990, 3.0061



Tritanopia

11.0716, 14.2199, 21.2300

Trichromacy



Original Color

7.2210, 14.2371, 2.3674

Protanomaly

9.1024, 13.2938, 2.0862

Deuteranomaly

9.4882, 12.8403, 2.5087

Tritanomaly

8.5355, 13.6804, 9.5878

Monochromacy



Original Color

7.2210, 14.2371, 2.3674

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

5.7768, 8.5978, 4.1514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.2210, 14.2371, 2.3674 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(11, 123, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 123, 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(11, 123, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 123, 0) }
```

Border

The CSS property to change the border of an element to XYZ 7.2210, 14.2371, 2.3674 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(11, 123, 0) }
```


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

```
.border{ border-color:rgb(11, 123, 0) }
```

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

Here you see how a box with a 4 pixel rgb(11, 123, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 123, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 123, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 123, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.2210, 14.2371, 2.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 123, 0) }
```

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

```
.background{ background-color: rgb(11, 123,  
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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