

Converting Colors

XYZ(7.1337, 10.9834, 11.8616)

Have a look what the booklet for
XYZ(7.1337, 10.9834, 11.8616)
contains.

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Color

**XYZ(7.1214, 10.9470,
11.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	0B695C
RGB	11, 105, 92
RGB Percent	4%, 41%, 36%
CMY	0.9568, 0.5882, 0.6392
CMYK	0.90, 0.00, 0.12, 0.59
HSL	172°, 81%, 23%
HSV	172°, 90%, 41%
XYZ	7.1214, 10.9470, 11.8629
YIQ	75.4120, -51.8510, -23.9710

Conversions

Conversions Part 2

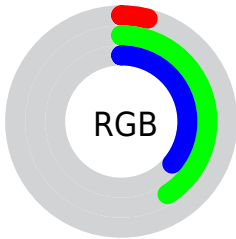
Format	Color
R_{YB}	11, 61, 105
Decimal	747868
CIE _{Lab}	39.49, -28.40, 0.15
CIE _{LCh}	39, 28.398, 179.694
Yxy	10.9470, 0.2379, 0.3657
Android (android.graphics.Color)	4278937948 (0xFF0B695C)
YUV	75.4120, 8.1779, -56.4893
Hunter-Lab	33.0863, -19.4811, 1.9023




Details

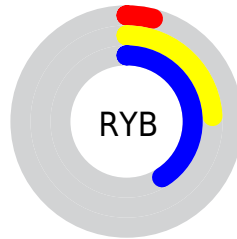
The XYZ color **7.1214, 10.9470, 11.8629** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.1107, 3.3090, 1.1815**, and the grayscale version is **6.7555, 7.1073, 7.7398**.




A 20% lighter version of the original color is **19.9199, 27.6034, 29.8693**, and **1.9563, 3.1235, 3.0846** is the 20% darker color. If you saturate the color by 10%, you get **6.9270, 10.8543, 11.5258**, and if you desaturate by 10%, it is **7.3679, 11.0669, 12.2093**.

Distribution







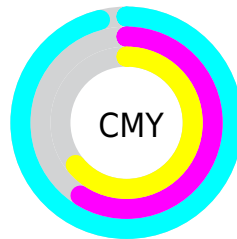
-  Red (4%)
-  Green (41%)
-  Blue (36%)






-  Red (4%)
-  Yellow (24%)
-  Blue (41%)



-  Cyan (90%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (59%)





-  Cyan (96%)
-  Magenta (59%)
-  Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.1214, 10.9470, 11.8629 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 7.1214, 10.9470, 11.8629 by changing the saturation by 10% instead.


 7.1214, 10.9470,
11.8629


 7.1214, 10.9470,
11.8629


163.1914,
197.3036, 214.4411


 3.5851, 6.0312,
6.5290

 19.9193, 27.5621,
29.9058


 1.4702, 2.8641,
3.0954


 29.9117, 40.0302,
43.4519

 0.3054, 1.0612,
1.1435

 42.7869, 55.7846,
60.5724


 0.0000, 0.0000,
0.0000


 58.9101, 75.2096,
81.6860


 78.6469, 98.6895,
107.2111


 102.3624,


126.6089, 137.5663


 130.4222,
159.3522, 173.1701


 7.1214, 10.9470,
11.8629

 7.1214, 10.9470,
11.8629


 6.9270, 10.8543,
11.5258


 7.3679, 11.0669,
12.2093

 6.9176, 10.8498,
11.5095

 7.7091, 11.2352,
12.5663

 8.1555, 11.4577,
12.9347

 8.7163, 11.7390,
13.3149

 9.3993, 12.0831,
13.7073

■ 10.2118, 12.4938,
14.1122

■ 11.1606, 12.9747,
14.5301

■ 12.2518, 13.5288,
14.9613

■ 13.4914, 14.1593,
15.4060

Harmonies

Analogous

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



7.5220, 10.9470, 7.3257



7.1214, 10.9470, 11.8629



7.5061, 10.9470, 17.9882

Triad

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



7.1214, 10.9470, 11.8629



12.3508, 10.9470, 23.7210



12.3892, 10.9470, 4.9037

Complementary

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



7.1214, 10.9470, 11.8629



6.1107, 3.3090, 1.1815

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.



13.9676, 10.9470, 7.3968



7.1214, 10.9470, 11.8629



13.9436, 10.9470, 18.1175

Square

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



7.1214, 10.9470, 11.8629



10.3850, 10.9470, 25.9951



14.5682, 10.9470, 11.9761



10.4246, 10.9470, 4.1444

Rectangle

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



7.1214, 10.9470, 11.8629



8.1869, 10.9470, 21.9840



14.5682, 10.9470, 11.9761



12.9909, 10.9470, 5.5192

Sweetspot

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



7.1217, 10.9474, 11.8632



18.5620, 22.5114, 25.3971



5.5158, 10.3357, 2.0213



4.2604, 5.2289, 5.9085



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



7.1217, 10.9474, 11.8632



12.3545, 19.4146, 20.4401



5.0122, 5.7395, 14.2087



3.1647, 3.4851, 3.8511



8.7490, 13.7337, 14.5210



44.3422, 69.8840, 72.7402

Inverse Universe

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



6.1107, 3.3090, 1.1815



10.5496, 5.4249, 1.1093



6.7836, 4.8221, 0.8902



3.1152, 3.1230, 3.3372



7.4717, 3.8408, 0.8466



37.8732, 19.4912, 3.2689

Previews

White Background



This preview shows how the XYZ color 7.1214, 10.9470, 11.8629 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



This preview shows how the XYZ color 7.1214, 10.9470, 11.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

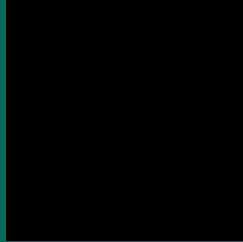
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.1214, 10.9470, 11.8629

Background



This preview shows how black text looks on a background with the XYZ color 7.1214, 10.9470, 11.8629.



This preview shows how white text looks on a background with the XYZ color 7.1214, 10.9470,

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

7.1214, 10.9470, 11.8629

Protanopia

10.2907, 10.7970, 10.1360

Deuteranopia

11.0886, 10.9053, 12.3470



Tritanopia

8.1560, 10.9265, 16.7181

Trichromacy



Original Color

7.1214, 10.9470, 11.8629

Protanomaly

8.2161, 10.3778, 10.8026

Deuteranomaly

8.4965, 10.2215, 12.1148

Tritanomaly

7.7023, 10.8821, 14.7912

Monochromacy



Original Color

7.1214, 10.9470, 11.8629

Achromatopsia

6.6877, 7.0360, 7.6622

Achromatomaly

6.2292, 7.9797, 8.9965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.1214, 10.9470, 11.8629 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, 105, 92)` looks like.

```
.text, #text, p{  
    color:rgb(11, 105, 92)  
}
```

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, 105, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 105, 92) }
```

Border

The CSS property to change the border of an element to XYZ 7.1214, 10.9470, 11.8629 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, 105, 92) }
```


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

```
.border{ border-color:rgb(11, 105, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 105, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 105, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 105, 92);  
box-shadow:4px 4px 4px 4px rgb(11, 105,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 7.1214, 10.9470, 11.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 105, 92) }
```

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

```
.background{ background-color: rgb(11, 105,  
92) }
```

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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