

Converting Colors

XYZ(7.0620, 13.5753, 2.6772)

Have a look what the booklet for
XYZ(7.0620, 13.5753, 2.6772)
contains.

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Color

**XYZ(7.0842, 13.6134,
2.6697)**

Conversions

Conversions Part 1

Format	Color
Hex	14780E
RGB	20, 120, 14
RGB Percent	8%, 47%, 5%
CMY	0.9216, 0.5294, 0.9451
CMYK	0.83, 0.00, 0.88, 0.53
HSL	117°, 79%, 26%
HSV	117°, 88%, 47%
XYZ	7.0842, 13.6134, 2.6697
YIQ	78.0160, -25.5740, -54.1660

Conversions

Conversions Part 2

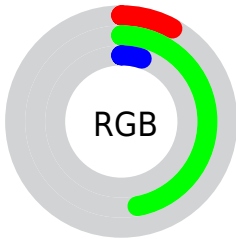
Format	Color
R_{YB}	14, 120, 114
Decimal	1341454
CIE _{Lab}	43.67, -46.79, 44.78
CIE _{LCh}	44, 64.769, 136.258
Yxy	13.6134, 0.3032, 0.5826
Android (android.graphics.Color)	4279531534 (0xFF14780E)
YUV	78.0160, -31.5599, -50.8800
Hunter-Lab	36.8963, -30.2961, 21.5374

Details

The XYZ color **7.0842, 13.6134, 2.6697** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **10.4881, 5.2484, 18.2304**, and the grayscale version is **7.3061, 7.6865, 8.3706**.

A 20% lighter version of the original color is **19.7641, 32.2481, 10.8131**, and **2.1902, 4.3803, 0.7301** is the 20% darker color. If you saturate the color by 10%, you get **6.8364, 13.4939, 2.3018**, and if you desaturate by 10%, it is **7.4780, 13.8044, 3.2480**.

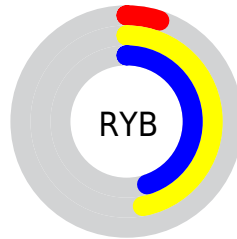
Distribution



Red (8%)

Green (47%)

Blue (5%)



Red (5%)

Yellow (47%)

Blue (45%)

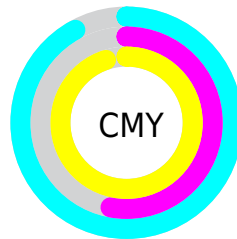


Cyan (83%)

Magenta (0%)

Yellow (88%)

Black (53%)



Cyan (92%)

Magenta (53%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.0842, 13.6134, 2.6697 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 7.0842, 13.6134, 2.6697 by changing the saturation by 10% instead.

■ 7.0842, 13.6134,
2.6697

■ 7.0842, 13.6134,
2.6697

162.8910,
214.8123, 132.0358

■ 3.5616, 7.8523,
0.9281

■ 19.8455, 32.4015,
10.8019

■ 1.4572, 4.0006,
0.0000

■ 29.8148, 46.1972,
18.0301

■ 0.2965, 1.6739,
0.0000

■ 42.6638, 63.4399,
27.9243

■ 0.0000, 0.4067,
0.0000


■ 58.7579, 84.5141,
40.9032


■ 0.0000, 0.0000,
0.0000


■ 78.4622, 109.8040,
57.3852


■ 102.1423,


139.6941, 77.7890


 130.1634,
174.5687, 102.5330


 7.0842, 13.6134,
2.6697


 7.0842, 13.6134,
2.6697


 6.8364, 13.4939,
2.3018


 7.4780, 13.8044,
3.2480

 6.8017, 13.4773,
2.2429

 8.0480, 14.0794,
4.1276

 8.8120, 14.4471,
5.3424

 9.7853, 14.9150,
6.9214

 10.9819, 15.4895,
8.8906

■ 12.4145, 16.1768,
11.2736

■ 14.0947, 16.9823,
14.0920

■ 16.0334, 17.9113,
17.3660

■ 18.2411, 18.9687,
21.1146

Harmonies

Analogous

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



10.3911, 13.6134, 0.9173



7.0842, 13.6134, 2.6697



5.5774, 13.6134, 9.1175

Triad

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



7.0842, 13.6134, 2.6697



10.7532, 13.6134, 62.0326



24.7741, 13.6134, 8.2857

Complementary

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



7.0842, 13.6134, 2.6697



10.4881, 5.2484, 18.2304

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.



24.9457, 13.6134, 22.5169



7.0842, 13.6134, 2.6697



15.8730, 13.6134, 61.2104

Square

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



7.0842, 13.6134, 2.6697



7.2892, 13.6134, 45.6393



21.3634, 13.6134, 43.8250



20.9424, 13.6134, 2.4021

Rectangle

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



7.0842, 13.6134, 2.6697



5.4519, 13.6134, 18.0881



21.3634, 13.6134, 43.8250



25.2905, 13.6134, 11.9760

Sweetspot

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



7.0845, 13.6140, 2.6700



22.3029, 28.6757, 20.6114



13.7234, 15.8210, 2.7461



5.1053, 6.7094, 4.5834



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.



7.0845, 13.6140, 2.6700



11.9232, 23.6829, 3.9428



7.7119, 13.8525, 6.5336



3.9699, 4.4598, 4.2761



7.4157, 14.7002, 2.4466



35.1373, 69.9993, 11.6593

Inverse Universe

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



10.4881, 5.2484, 18.2304



17.9516, 8.5656, 31.9602



9.1416, 4.8028, 6.9362



4.1332, 4.0665, 5.0103



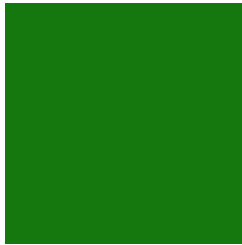
11.1542, 5.3229, 19.8248



52.9615, 25.2647, 94.5550

Previews

White Background



This preview shows how the XYZ color 7.0842, 13.6134, 2.6697 looks on a white background.

Color Contrast Check

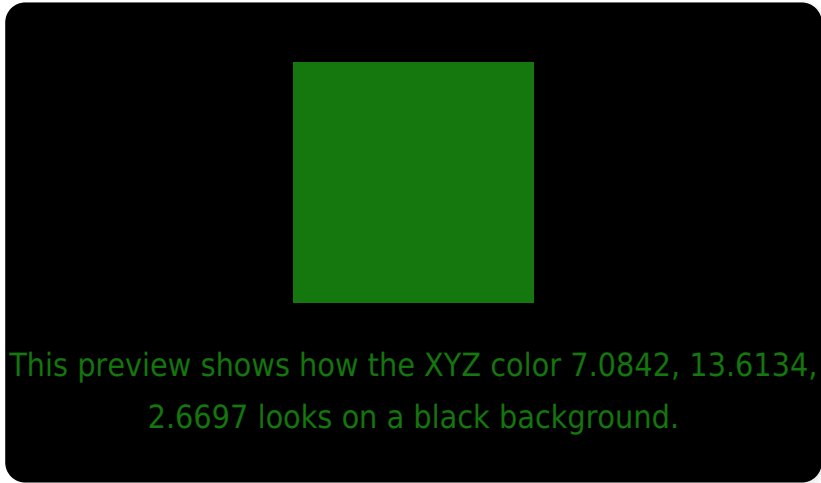
Large Text (above 18pt) WCAG AA ✓ Pass

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

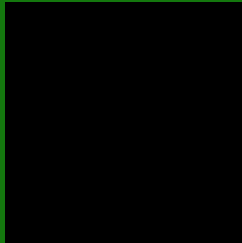
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.0842, 13.6134, 2.6697

Background



This preview shows how black text looks on a background with the XYZ color 7.0842, 13.6134, 2.6697.



This preview shows how white text looks on a background with the XYZ color 7.0842, 13.6134,

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

7.0842, 13.6134, 2.6697

Protanopia

12.0911, 13.4288, 2.1558

Deuteranopia

13.6427, 13.4912, 3.0474



Tritanopia

10.7136, 13.7257, 20.1738

Trichromacy



Original Color

7.0842, 13.6134, 2.6697

Protanomaly

8.9168, 12.7085, 2.2702

Deuteranomaly

9.4387, 12.4979, 2.7790

Tritanomaly

8.5682, 13.3421, 10.1063

Monochromacy



Original Color

7.0842, 13.6134, 2.6697

Achromatopsia

7.2414, 7.6185, 8.2966

Achromatomaly

6.2913, 8.9744, 5.0151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.0842, 13.6134, 2.6697 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(20, 120, 14)` looks like.

```
.text, #text, p{  
    color:rgb(20, 120, 14)  
}
```

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(20, 120, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 120, 14) }
```

Border

The CSS property to change the border of an element to XYZ 7.0842, 13.6134, 2.6697 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(20, 120, 14) }
```


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

```
.border{ border-color:rgb(20, 120, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 120, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 120, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 120, 14);  
box-shadow:4px 4px 4px 4px rgb(20, 120,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 7.0842, 13.6134, 2.6697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 120, 14) }
```

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

```
.background{ background-color: rgb(20, 120,  
14) }
```

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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