

Converting Colors

XYZ(14.1320, 15.7081, 2.9966)

Have a look what the booklet for
XYZ(14.1320, 15.7081, 2.9966)
contains.

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Color

**XYZ(14.1320, 15.7081,
2.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6F15
RGB	124, 111, 21
RGB Percent	49%, 44%, 8%
CMY	0.5137, 0.5647, 0.9176
CMYK	0.00, 0.10, 0.83, 0.51
HSL	52°, 71%, 28%
HSV	52°, 83%, 49%
XYZ	14.1320, 15.7081, 2.9966
YIQ	104.6270, 36.6380, -25.2340

Conversions

Conversions Part 2

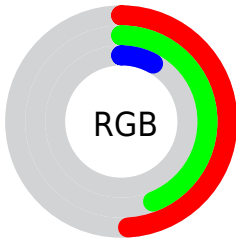
Format	Color
R_{YB}	36, 124, 21
Decimal	8154901
CIE Lab	46.59, -4.90, 47.53
CIE LCh	47, 47.780, 95.881
Yxy	15.7081, 0.4304, 0.4784
Android (android.graphics.Color)	4286344981 (0xFF7C6F15)
YUV	104.6270, -41.2281, 16.9901
Hunter-Lab	39.6334, -5.7112, 23.2606

Details

The XYZ color **14.1320, 15.7081, 2.9966** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.5195, 2.7588, 19.3630**, and the grayscale version is **13.4277, 14.1270, 15.3843**.

A 20% lighter version of the original color is **32.9453, 36.0250, 11.5204**, and **4.5059, 5.0445, 0.7362** is the 20% darker color. If you saturate the color by 10%, you get **13.8749, 15.3350, 2.4757**, and if you desaturate by 10%, it is **14.4494, 16.1113, 3.8169**.

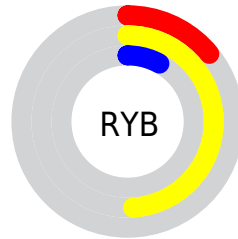
Distribution



Red (49%)

Green (44%)

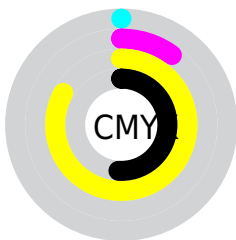
Blue (8%)



Red (14%)

Yellow (49%)

Blue (8%)

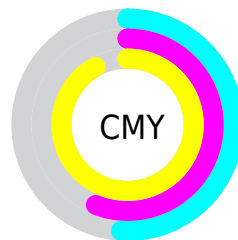


Cyan (0%)

Magenta (10%)

Yellow (83%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1320, 15.7081, 2.9966 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 14.1320, 15.7081, 2.9966 by changing the saturation by 10% instead.

■ 14.1320, 15.7081,
2.9966

■ 14.1320, 15.7081,
2.9966

211.5447,
227.6131, 136.3173

■ 8.2948, 9.3178,
1.0929

■ 32.9074, 36.0907,
11.6200

■ 4.3376, 4.9491,
0.0000

■ 46.5763, 50.8518,
19.1769

■ 1.8948, 2.2174,
0.0000

■ 63.5865, 69.1720,
29.4552

■ 0.5738, 0.7295,
0.0000

■ 84.3034, 91.4357,
42.8734

■ 0.0000, 0.0000,
0.0000

■ 109.0923,
118.0273, 59.8502

■ 138.3186,

149.3311, 80.8041

172.3476,
185.7315, 106.1536

14.1320, 15.7081,
2.9966

14.1320, 15.7081,
2.9966

13.8749, 15.3350,
2.4757

14.4494, 16.1113,
3.8169

13.7120, 15.0848,
2.1890

14.8337, 16.5454,
4.9763

15.2916, 17.0138,
6.5083

15.8287, 17.5187,
8.4420

16.4499, 18.0621,
10.8037

■ 17.1598, 18.6460,
13.6176

■ 17.9626, 19.2719,
16.9058

■ 18.8624, 19.9416,
20.6892

■ 19.8629, 20.6565,
24.9873

Harmonies

Analogous

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



18.4120, 15.7081, 3.6189



14.1320, 15.7081, 2.9966



10.7467, 15.7081, 4.5099

Triad

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



14.1320, 15.7081, 2.9966



9.3809, 15.7081, 34.1730



23.4036, 15.7081, 28.1682

Complementary

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



14.1320, 15.7081, 2.9966



4.5195, 2.7588, 19.3630

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.



20.0787, 15.7081, 42.9043



14.1320, 15.7081, 2.9966



11.9174, 15.7081, 47.3466

Square

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



14.1320, 15.7081, 2.9966



8.3477, 15.7081, 19.5383



15.7577, 15.7081, 51.1172



24.2928, 15.7081, 14.8798

Rectangle

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



14.1320, 15.7081, 2.9966



9.2787, 15.7081, 7.2630



15.7577, 15.7081, 51.1172



22.5073, 15.7081, 33.2737

Sweetspot

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



14.1324, 15.7088, 2.9969



29.8658, 32.5456, 22.6327



8.8799, 4.9413, 2.0554



6.9473, 7.5942, 4.9863



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.



14.1324, 15.7088, 2.9969



24.0610, 26.4077, 3.8291



11.2024, 16.4590, 3.2961



4.2667, 4.5518, 4.2782



13.9384, 15.3326, 2.2249



66.0577, 72.2788, 10.4696

Inverse Universe

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



4.5195, 2.7588, 19.3630



6.6572, 3.0708, 33.7985



5.6963, 2.9145, 19.3310



3.8347, 3.9676, 5.0069



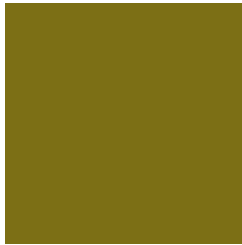
3.8803, 1.8431, 19.5365



18.1547, 8.0821, 93.0729

Previews

White Background



This preview shows how the XYZ color 14.1320, 15.7081, 2.9966 looks on a white background.

Color Contrast Check

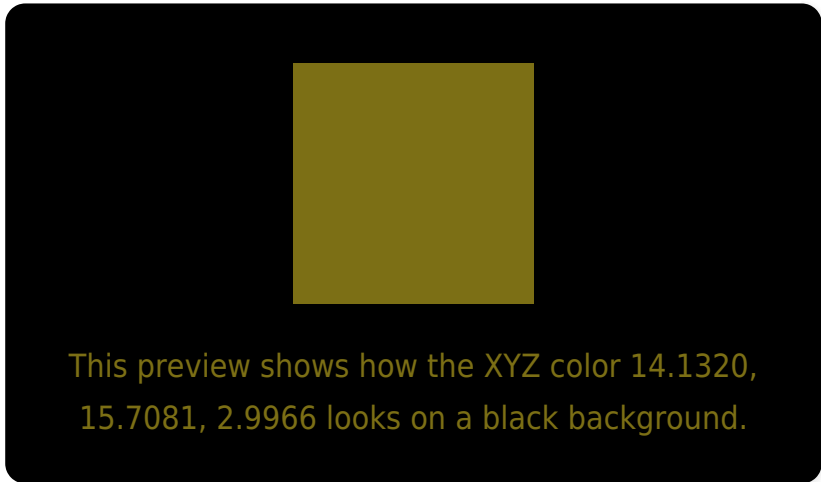
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1320, 15.7081, 2.9966

Background



This preview shows how black text looks on a background with the XYZ color 14.1320, 15.7081, 2.9966.



This preview shows how white text looks on a background with the XYZ color 14.1320, 15.7081,

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

14.1320, 15.7081, 2.9966

Protanopia

14.1320, 15.7081, 2.9966

Deuteranopia

15.8745, 15.6623, 3.1062



Tritanopia

16.9254, 15.5940, 17.1568

Trichromacy



Original Color

14.1320, 15.7081, 2.9966

Protanomaly

14.1320, 15.7081, 2.9966

Deuteranomaly

15.2541, 15.6497, 3.0809

Tritanomaly

15.4313, 15.4473, 9.3760

Monochromacy



Original Color

14.1320, 15.7081, 2.9966

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.1758, 14.4545, 8.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1320, 15.7081, 2.9966 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(124, 111, 21)` looks like.

```
.text, #text, p{  
    color:rgb(124, 111, 21)  
}
```

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(124, 111, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 111, 21) }
```

Border

The CSS property to change the border of an element to XYZ 14.1320, 15.7081, 2.9966 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(124, 111, 21) }
```


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

```
.border{ border-color:rgb(124, 111, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 111, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 111, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 111, 21);  
box-shadow:4px 4px 4px 4px rgb(124, 111,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1320, 15.7081, 2.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 111, 21) }
```

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

```
.background{ background-color: rgb(124,  
111, 21) }
```

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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