

Converting Colors

XYZ(13.4292, 14.7456, 2.8550)

Have a look what the booklet for
XYZ(13.4292, 14.7456, 2.8550)
contains.

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Color

**XYZ(13.4191, 14.7071,
2.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6B15
RGB	122, 107, 21
RGB Percent	48%, 42%, 8%
CMY	0.5216, 0.5804, 0.9176
CMYK	0.00, 0.12, 0.83, 0.52
HSL	51°, 71%, 28%
HSV	51°, 83%, 48%
XYZ	13.4191, 14.7071, 2.8410
YIQ	101.6810, 36.5460, -23.5660

Conversions

Conversions Part 2

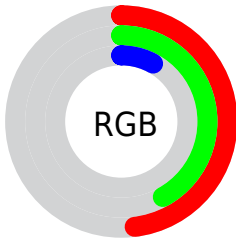
Format	Color
RYB	39, 122, 21
Decimal	8022805
CIELab	45.23, -3.57, 46.25
CIELCh	45, 46.387, 94.413
Yxy	14.7071, 0.4333, 0.4749
Android (android.graphics.Color)	4286212885 (0xFF7A6B15)
YUV	101.6810, -39.7757, 17.8198
Hunter-Lab	38.3498, -4.6528, 22.4526

Details

The XYZ color **13.4191, 14.7071, 2.8410** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.4531, 2.8264, 18.7231**, and the grayscale version is **12.6402, 13.2985, 14.4820**.

A 20% lighter version of the original color is **31.5609, 34.2819, 11.2570**, and **4.1416, 4.5338, 0.6568** is the 20% darker color. If you saturate the color by 10%, you get **13.1454, 14.2991, 2.3200**, and if you desaturate by 10%, it is **13.7523, 15.1463, 3.6526**.

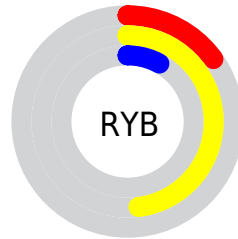
Distribution



Red (48%)

Green (42%)

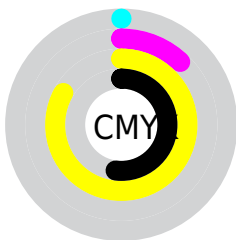
Blue (8%)



Red (15%)

Yellow (48%)

Blue (8%)

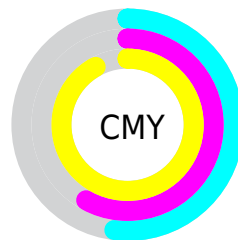


Cyan (0%)

Magenta (12%)

Yellow (83%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4191, 14.7071, 2.8410 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 13.4191, 14.7071, 2.8410 by changing the saturation by 10% instead.

■ 13.4191, 14.7071,
2.8410

■ 13.4191, 14.7071,
2.8410

207.1702,
221.5865, 134.3090

■ 7.7968, 8.6141,
1.0140

■ 31.6496, 34.3385,
11.2335

■ 4.0159, 4.4903,
0.0000

■ 44.9885, 48.6457,
18.6361

■ 1.7111, 1.9515,
0.0000

■ 61.6303, 66.4598,
28.7344

■ 0.4632, 0.5790,
0.0000


■ 81.9404, 88.1650,
41.9468


■ 0.0000, 0.0000,
0.0000


■ 106.2840,
114.1460, 58.6920


■ 135.0267,


144.7869, 79.3883


 168.5336,
180.4723, 104.4545


 13.4191, 14.7071,
2.8410


 13.4191, 14.7071,
2.8410


 13.1454, 14.2991,
2.3200


 13.7523, 15.1463,
3.6526

 12.9647, 14.0149,
2.0218

 14.1512, 15.6177,
4.7923

 14.6223, 16.1242,
6.2920

 15.1708, 16.6683,
8.1797

 15.8016, 17.2516,
10.4806

■ 16.5190, 17.8762,
13.2176

■ 17.3271, 18.5436,
16.4122

■ 18.2298, 19.2554,
20.0842

■ 19.2306, 20.0131,
24.2526

Harmonies

Analogous

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



17.4096, 14.7071, 3.5231



13.4191, 14.7071, 2.8410



10.2131, 14.7071, 4.1489

Triad

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



13.4191, 14.7071, 2.8410



8.7371, 14.7071, 31.1514



21.7360, 14.7071, 26.9694

Complementary

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



13.4191, 14.7071, 2.8410



4.4531, 2.8264, 18.7231

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.



18.5717, 14.7071, 40.5036



13.4191, 14.7071, 2.8410



11.0310, 14.7071, 43.5946

Square

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



13.4191, 14.7071, 2.8410



7.8424, 14.7071, 17.6935



14.5536, 14.7071, 47.6268



22.6905, 14.7071, 14.4434

Rectangle

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



13.4191, 14.7071, 2.8410



8.8005, 14.7071, 6.6028



14.5536, 14.7071, 47.6268



20.8703, 14.7071, 31.7063

Sweetspot

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



13.4194, 14.7078, 2.8413



28.6903, 31.1325, 21.8163



8.6150, 4.8024, 2.1543



6.4783, 7.0476, 4.6756



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.



13.4194, 14.7078, 2.8413



22.7732, 24.5714, 3.5879



10.9929, 15.9826, 3.2153



4.2595, 4.5374, 4.2758



13.6452, 14.7463, 2.1271



64.5996, 69.3626, 9.9836

Inverse Universe

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



4.4531, 2.8264, 18.7231



6.5438, 3.1699, 32.6599



5.4318, 2.7926, 18.6650



3.8413, 3.9808, 5.0091



3.9239, 1.9302, 19.5510



18.3189, 8.4104, 93.1276

Previews

White Background



This preview shows how the XYZ color 13.4191, 14.7071, 2.8410 looks on a white background.

Color Contrast Check

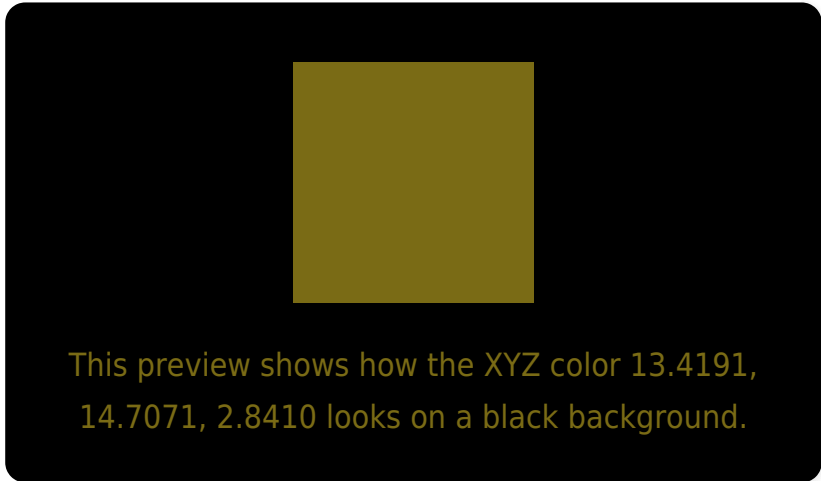
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4191, 14.7071, 2.8410

Background



This preview shows how black text looks on a background with the XYZ color 13.4191, 14.7071, 2.8410.



This preview shows how white text looks on a background with the XYZ color 13.4191, 14.7071,

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

13.4191, 14.7071, 2.8410

Protanopia

13.2782, 14.6345, 2.8344

Deuteranopia

14.9079, 14.7196, 2.9196



Tritanopia

16.1131, 14.7651, 15.9106

Trichromacy



Original Color

13.4191, 14.7071, 2.8410

Protanomaly

13.2782, 14.6345, 2.8344

Deuteranomaly

14.3109, 14.7083, 2.8953

Tritanomaly

14.7589, 14.6579, 8.8889

Monochromacy



Original Color

13.4191, 14.7071, 2.8410

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.4596, 13.6329, 8.2780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4191, 14.7071, 2.8410 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(122, 107, 21)` looks like.

```
.text, #text, p{  
    color:rgb(122, 107, 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(122, 107, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 107, 21) }
```

Border

The CSS property to change the border of an element to XYZ 13.4191, 14.7071, 2.8410 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(122, 107, 21) }
```


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

```
.border{ border-color:rgb(122, 107, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 107, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 107, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 107, 21);  
box-shadow:4px 4px 4px 4px rgb(122, 107,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4191, 14.7071, 2.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 107, 21) }
```

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

```
.background{ background-color: rgb(122,  
107, 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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