

Converting Colors

XYZ(13.7178, 14.8374, 3.3356)

Have a look what the booklet for
XYZ(13.7178, 14.8374, 3.3356)
contains.

XYZ(13.7916, 14.8892, 3.3094)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.7916, 14.8892,
3.3094)**

Conversions

Conversions Part 1

Format	Color
Hex	7C6B1D
RGB	124, 107, 29
RGB Percent	49%, 42%, 11%
CMY	0.5137, 0.5804, 0.8863
CMYK	0.00, 0.14, 0.77, 0.51
HSL	49°, 62%, 30%
HSV	49°, 77%, 49%
XYZ	13.7916, 14.8892, 3.3094
YIQ	103.1910, 35.1700, -20.6540

Conversions

Conversions Part 2

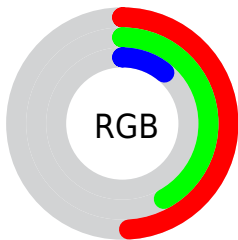
Format	Color
RYB	50, 124, 29
Decimal	8153885
CIELab	45.48, -2.27, 43.59
CIELCh	45, 43.647, 92.978
Yxy	14.8892, 0.4311, 0.4654
Android (android.graphics.Color)	4286343965 (0xFF7C6B1D)
YUV	103.1910, -36.5762, 18.2495
Hunter-Lab	38.5865, -3.7269, 21.9255

Details

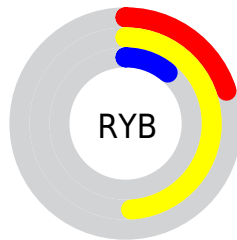
The XYZ color **13.7916, 14.8892, 3.3094** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.1217, 3.6703, 19.5070**, and the grayscale version is **13.0305, 13.7091, 14.9292**.

A 20% lighter version of the original color is **32.2285, 34.6019, 12.3774**, and **4.2883, 4.6094, 0.6637** is the 20% darker color. If you saturate the color by 10%, you get **13.4399, 14.3837, 2.5821**, and if you desaturate by 10%, it is **14.2117, 15.4327, 4.3646**.

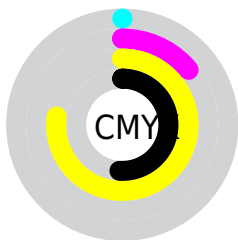
Distribution



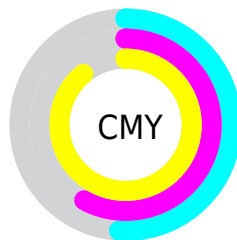
- Red (49%)
- Green (42%)
- Blue (11%)



- Red (20%)
- Yellow (49%)
- Blue (11%)



- Cyan (0%)
- Magenta (14%)
- Yellow (77%)
- Black (51%)



- Cyan (51%)
- Magenta (58%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7916, 14.8892, 3.3094 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 13.7916, 14.8892, 3.3094 by changing the saturation by 10% instead.

■ 13.7916, 14.8892,
3.3094

■ 13.7916, 14.8892,
3.3094

209.4671,
222.6946, 140.2087

■ 8.0566, 8.7417,
1.2547

■ 32.3082, 34.6587,
12.3828

■ 4.1833, 4.5731,
0.0242

■ 45.8204, 49.0494,
20.2386

■ 1.8063, 1.9990,
0.0000

■ 62.6558, 66.9567,
30.8652

■ 0.5215, 0.6069,
0.0000

■ 83.1797, 88.7649,
44.6811

■ 0.0000, 0.0000,
0.0000

■ 107.7574,
114.8583, 62.1048

■ 136.7543,

145.6215, 83.5550

170.5358,
181.4388, 109.4501

13.7916, 14.8892,
3.3094

13.7916, 14.8892,
3.3094

13.4399, 14.3837,
2.5821

14.2117, 15.4327,
4.3646

13.1424, 13.9088,
2.1127

14.7059, 16.0148,
5.7818

13.0453, 13.7514,
1.9667

15.2803, 16.6386,
7.5918

15.9402, 17.3063,
9.8218

16.6902, 18.0198,
12.4965

■ 17.5348, 18.7810,
15.6390

■ 18.4780, 19.5916,
19.2703

■ 19.5238, 20.4531,
23.4107

■ 20.6756, 21.3671,
28.0788

Harmonies

Analogous

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



17.5723, 14.8892, 4.1158



13.7916, 14.8892, 3.3094



10.6767, 14.8892, 4.5472

Triad

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



13.7916, 14.8892, 3.3094



9.0591, 14.8892, 29.7375



21.3394, 14.8892, 27.1184

Complementary

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



13.7916, 14.8892, 3.3094



5.1217, 3.6703, 19.5070

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.



18.3092, 14.8892, 39.4816



13.7916, 14.8892, 3.3094



11.2066, 14.8892, 41.3947

Square

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



13.7916, 14.8892, 3.3094



8.2544, 14.8892, 17.2745



14.5181, 14.8892, 45.5608



22.3462, 14.8892, 15.1936

Rectangle

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



13.7916, 14.8892, 3.3094



9.2710, 14.8892, 6.8963



14.5181, 14.8892, 45.5608



20.5007, 14.8892, 31.5063

Sweetspot

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



13.7919, 14.8899, 3.3097



29.8088, 32.1127, 23.5969



9.2529, 5.3645, 3.1760



6.9179, 7.4689, 5.1811



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.



13.7919, 14.8899, 3.3097



23.2531, 24.6772, 3.9134



12.0369, 16.8791, 3.7861



4.2497, 4.5178, 4.2725



13.2603, 13.9765, 1.9988



62.6901, 65.5436, 9.3471

Inverse Universe

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



5.1217, 3.6703, 19.5070



7.3012, 4.1157, 33.9662



5.8861, 3.2665, 19.3887



3.8503, 3.9989, 5.0121



3.9922, 2.0668, 19.5738



18.5868, 8.9462, 93.2169

Previews

White Background



This preview shows how the XYZ color 13.7916, 14.8892, 3.3094 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 13.7916, 14.8892, 3.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

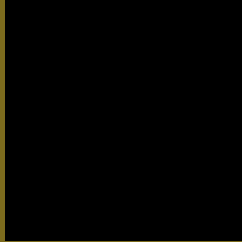
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.7916, 14.8892, 3.3094

Background



This preview shows how black text looks on a background with the XYZ color 13.7916, 14.8892, 3.3094.



This preview shows how white text looks on a background with the XYZ color 13.7916, 14.8892,

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

13.7916, 14.8892, 3.3094

Protanopia

13.4695, 14.8788, 3.3244

Deuteranopia

14.9904, 14.7526, 3.3538



Tritanopia

16.4699, 14.9429, 16.2036

Trichromacy



Original Color

13.7916, 14.8892, 3.3094

Protanomaly

13.6104, 14.9514, 3.3310

Deuteranomaly

14.5447, 14.8197, 3.3222

Tritanomaly

15.1636, 14.8542, 9.4651

Monochromacy



Original Color

13.7916, 14.8892, 3.3094

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.8104, 13.8019, 8.8263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7916, 14.8892, 3.3094 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, 107, 29)` looks like.

```
.text, #text, p{  
    color:rgb(124, 107, 29)  
}
```

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, 107, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 107, 29) }
```

Border

The CSS property to change the border of an element to XYZ 13.7916, 14.8892, 3.3094 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, 107, 29) }
```


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

```
.border{ border-color:rgb(124, 107, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 107, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 107, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 107, 29);  
box-shadow:4px 4px 4px 4px rgb(124, 107,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7916, 14.8892, 3.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 107, 29) }
```

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

```
.background{ background-color: rgb(124,  
107, 29) }
```

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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