

Converting Colors

XYZ(14.2312, 15.9063, 3.7303)

Have a look what the booklet for
XYZ(14.2312, 15.9063, 3.7303)
contains.

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Color

**XYZ(14.2371, 15.9091,
3.7592)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7021
RGB	123, 112, 33
RGB Percent	48%, 44%, 13%
CMY	0.5176, 0.5608, 0.8706
CMYK	0.00, 0.09, 0.73, 0.52
HSL	53°, 58%, 31%
HSV	53°, 73%, 48%
XYZ	14.2371, 15.9091, 3.7592
YIQ	106.2830, 31.9150, -22.2370

Conversions

Conversions Part 2

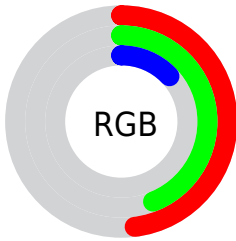
Format	Color
R_{YB}	46, 123, 33
Decimal	8089633
CIE _{Lab}	46.86, -5.39, 43.25
CIE _{LCh}	47, 43.581, 97.099
Yxy	15.9091, 0.4199, 0.4692
Android (android.graphics.Color)	4286279713 (0xFF7B7021)
YUV	106.2830, -36.1285, 14.6608
Hunter-Lab	39.8862, -6.0866, 22.3324

Details

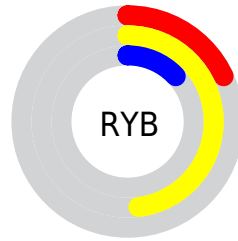
The XYZ color **14.2371, 15.9091, 3.7592** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **5.1031, 3.5547, 19.1561**, and the grayscale version is **13.8677, 14.5899, 15.8884**.

A 20% lighter version of the original color is **33.0186, 36.2839, 13.4468**, and **4.4888, 5.1202, 0.7517** is the 20% darker color. If you saturate the color by 10%, you get **13.9311, 15.5242, 2.9573**, and if you desaturate by 10%, it is **14.6096, 16.3263, 4.8945**.

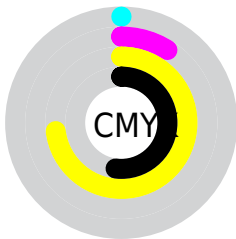
Distribution



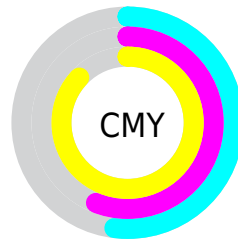
- Red (48%)
- Green (44%)
- Blue (13%)



- Red (18%)
- Yellow (48%)
- Blue (13%)



- Cyan (0%)
- Magenta (9%)
- Yellow (73%)
- Black (52%)



- Cyan (52%)
- Magenta (56%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2371, 15.9091, 3.7592 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 14.2371, 15.9091, 3.7592 by changing the saturation by 10% instead.

■ 14.2371, 15.9091,
3.7592

■ 14.2371, 15.9091,
3.7592

212.1821,
228.8047, 145.5101

■ 8.3686, 9.4599,
1.4942

■ 33.0919, 36.4403,
13.4505

■ 4.3855, 5.0423,
0.2136

■ 46.8089, 51.2911,
21.7138

■ 1.9224, 2.2721,
0.0000

■ 63.8727, 69.7112,
32.8137

■ 0.5898, 0.7589,
0.0000

■ 84.6487, 92.0849,
47.1687

■ 0.0000, 0.0000,
0.0000

■ 109.5023,
118.7968, 65.1973

■ 138.7989,

150.2311, 87.3180

172.9037,
186.7723, 113.9494

14.2371, 15.9091,
3.7592

14.2371, 15.9091,
3.7592

13.9311, 15.5242,
2.9573

14.6096, 16.3263,
4.8945

13.6828, 15.1661,
2.4475

15.0538, 16.7760,
6.3948

13.5279, 14.9299,
2.1688

15.5754, 17.2611,
8.2890

16.1793, 17.7836,
10.6029

16.8700, 18.3454,
13.3601

■ 17.6517, 18.9481,
16.5824

■ 18.5283, 19.5934,
20.2903

■ 19.5034, 20.2826,
24.5029

■ 20.5805, 21.0172,
29.2384

Harmonies

Analogous

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



18.1421, 15.9091, 4.3222



14.2371, 15.9091, 3.7592



11.1328, 15.9091, 5.4287

Triad

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



14.2371, 15.9091, 3.7592



10.0158, 15.9091, 33.2331



22.8883, 15.9091, 26.7935

Complementary

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



14.2371, 15.9091, 3.7592



5.1031, 3.5547, 19.1561

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.



19.9636, 15.9091, 39.9085



14.2371, 15.9091, 3.7592



12.4556, 15.9091, 44.5854

Square

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



14.2371, 15.9091, 3.7592



8.9744, 15.9091, 20.0356



16.0410, 15.9091, 47.4369



23.5796, 15.9091, 14.8658

Rectangle

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



14.2371, 15.9091, 3.7592



9.7846, 15.9091, 8.2698



16.0410, 15.9091, 47.4369



22.1125, 15.9091, 31.3341

Sweetspot

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



14.2375, 15.9099, 3.7595



30.2930, 32.9176, 24.2621



9.1860, 5.4883, 3.0580



7.0673, 7.6993, 5.4420



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.



14.2375, 15.9099, 3.7595



24.6264, 27.3467, 4.6091



11.5740, 16.4494, 4.0041



4.2680, 4.5544, 4.2786



13.9919, 15.4397, 2.2427



66.3242, 72.8118, 10.5584

Inverse Universe

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



5.1031, 3.5547, 19.1561



7.3239, 3.9976, 33.9422



6.3659, 3.6762, 19.1130



3.8335, 3.9652, 5.0065



3.8731, 1.8286, 19.5341



18.1281, 8.0288, 93.0640

Previews

White Background



This preview shows how the XYZ color 14.2371, 15.9091, 3.7592 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 14.2371, 15.9091, 3.7592 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 14.2371, 15.9091, 3.7592

Background



This preview shows how black text looks on a background with the XYZ color 14.2371, 15.9091, 3.7592.



This preview shows how white text looks on a background with the XYZ color 14.2371, 15.9091,

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

14.2371, 15.9091, 3.7592

Protanopia

14.4164, 15.8387, 3.7362

Deuteranopia

16.1199, 15.9244, 3.8932



Tritanopia

17.0855, 15.9625, 17.8034

Trichromacy



Original Color

14.2371, 15.9091, 3.7592

Protanomaly

14.2711, 15.7638, 3.7294

Deuteranomaly

15.3388, 15.8330, 3.8377

Tritanomaly

15.7152, 15.8772, 10.6238

Monochromacy



Original Color

14.2371, 15.9091, 3.7592

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.4559, 14.7344, 9.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2371, 15.9091, 3.7592 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(123, 112, 33)` looks like.

```
.text, #text, p{  
    color:rgb(123, 112, 33)  
}
```

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(123, 112, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 112, 33) }
```

Border

The CSS property to change the border of an element to XYZ 14.2371, 15.9091, 3.7592 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(123, 112, 33) }
```


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

```
.border{ border-color:rgb(123, 112, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 112, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 112, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 112, 33);  
box-shadow:4px 4px 4px 4px rgb(123, 112,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2371, 15.9091, 3.7592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 112, 33) }
```

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

```
.background{ background-color: rgb(123,  
112, 33) }
```

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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