

Converting Colors

XYZ(15.1474, 14.4019, 2.3420)

Have a look what the booklet for
XYZ(15.1474, 14.4019, 2.3420)
contains.

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Color

**XYZ(15.1757, 14.4392,
2.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	8B630C
RGB	139, 99, 12
RGB Percent	55%, 39%, 5%
CMY	0.4549, 0.6117, 0.9529
CMYK	0.00, 0.29, 0.91, 0.45
HSL	41°, 84%, 30%
HSV	41°, 91%, 55%
XYZ	15.1757, 14.4392, 2.3350
YIQ	101.0420, 51.7670, -18.5770

Conversions

Conversions Part 2

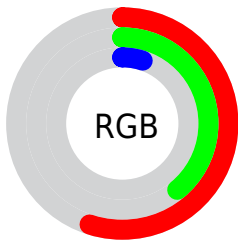
Format	Color
R_{YB}	70, 139, 12
Decimal	9134860
CIE Lab	44.86, 8.94, 49.36
CIE LCh	45, 50.162, 79.733
Yxy	14.4392, 0.4750, 0.4519
Android (android.graphics.Color)	4287324940 (0xFF8B630C)
YUV	101.0420, -43.8977, 33.2892
Hunter-Lab	37.9989, 4.7897, 22.9559

Details

The XYZ color **15.1757, 14.4392, 2.3350** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.0398, 4.3982, 24.9566**, and the grayscale version is **12.4814, 13.1314, 14.3001**.

A 20% lighter version of the original color is **34.9454, 34.0883, 10.0481**, and **4.9293, 4.4310, 0.5955** is the 20% darker color. If you saturate the color by 10%, you get **14.7598, 13.7137, 1.8691**, and if you desaturate by 10%, it is **15.7211, 15.3397, 3.1039**.

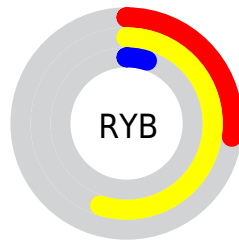
Distribution



Red (55%)

Green (39%)

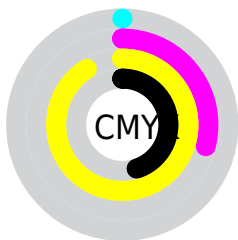
Blue (5%)



Red (27%)

Yellow (55%)

Blue (5%)

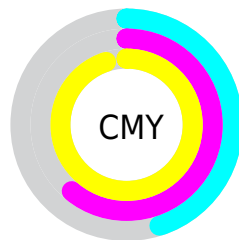


Cyan (0%)

Magenta (29%)

Yellow (91%)

Black (45%)



Cyan (45%)


Magenta (61%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1757, 14.4392, 2.3350 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 15.1757, 14.4392, 2.3350 by changing the saturation by 10% instead.


 15.1757, 14.4392,
2.3350


 15.1757, 14.4392,
2.3350


217.7946,
219.9463, 127.3792


 9.0299, 8.4268,
0.7507


 34.7302, 33.8663,
9.9379


 4.8180, 4.3692,
0.0000

 48.8697, 48.0498,
16.8091


 2.1745, 1.8822,
0.0000

 66.4044, 65.7257,
26.2847

 0.7293, 0.5376,
0.0000

 87.6998, 87.2785,
38.7834


 0.0000, 0.0000,
0.0000


 113.1211,
113.0926, 54.7236


 143.0338,


143.5523, 74.5240


 177.8032,
179.0421, 98.6030


 15.1757, 14.4392,
2.3350


 15.1757, 14.4392,
2.3350


 14.7598, 13.7137,
1.8691

 15.7211, 15.3397,
3.1039

 16.3643, 16.3152,
4.2767

 17.1156, 17.3711,
5.9045

 17.9836, 18.5112,
8.0309

 18.9759, 19.7392,
10.6939

■ 20.0992, 21.0582,
13.9283

■ 21.3599, 22.4712,
17.7655

■ 22.7639, 23.9812,
22.2349

■ 24.3166, 25.5908,
27.3639

Harmonies

Analogous

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



19.4679, 14.4392, 4.0294



15.1757, 14.4392, 2.3350



11.2336, 14.4392, 2.6157

Triad

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



15.1757, 14.4392, 2.3350



7.5669, 14.4392, 24.6303



20.6510, 14.4392, 35.2637

Complementary

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



15.1757, 14.4392, 2.3350



6.0398, 4.3982, 24.9566

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.



16.5577, 14.4392, 47.9304



15.1757, 14.4392, 2.3350



9.2382, 14.4392, 39.9673

Square

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



15.1757, 14.4392, 2.3350



7.3431, 14.4392, 12.0356



12.3680, 14.4392, 49.9840



23.0206, 14.4392, 20.0930

Rectangle

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



15.1757, 14.4392, 2.3350



9.2814, 14.4392, 3.9752



12.3680, 14.4392, 49.9840



19.3971, 14.4392, 40.2194

Sweetspot

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



15.1760, 14.4399, 2.3353



36.8176, 38.6474, 27.4088



11.4037, 6.0019, 3.8322



8.3337, 8.7351, 5.8655



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.1760, 14.4399, 2.3353



26.2792, 24.2527, 3.2962



16.4639, 22.1854, 3.7624



5.3004, 5.5837, 5.3508



13.3372, 12.4087, 1.6922



0.1018, 0.1088, 0.0156

Inverse Universe

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



6.0398, 4.3982, 24.9566



9.8097, 6.2664, 44.4355



5.4946, 2.4895, 24.6169



4.8949, 5.1327, 6.3386



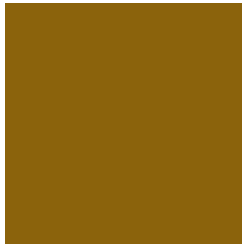
5.0256, 3.3214, 22.4219



0.0454, 0.0460, 0.1529

Previews

White Background



This preview shows how the XYZ color 15.1757, 14.4392, 2.3350 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 15.1757, 14.4392, 2.3350

Background



This preview shows how black text looks on a background with the XYZ color 15.1757, 14.4392, 2.3350.



This preview shows how white text looks on a background with the XYZ color 15.1757, 14.4392,

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

15.1757, 14.4392, 2.3350

Protanopia

13.0896, 14.5429, 2.5691

Deuteranopia

14.6947, 14.4780, 2.2785



Tritanopia

17.4070, 14.3948, 13.6654

Trichromacy



Original Color

15.1757, 14.4392, 2.3350

Protanomaly

13.7820, 14.4444, 2.4771

Deuteranomaly

14.7653, 14.3705, 2.2827

Tritanomaly

16.2607, 14.3404, 7.2211

Monochromacy



Original Color

15.1757, 14.4392, 2.3350

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7016, 13.1889, 7.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1757, 14.4392, 2.3350 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(139, 99, 12)` looks like.

```
.text, #text, p{  
    color:rgb(139, 99, 12)  
}
```

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(139, 99, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 99, 12) }
```

Border

The CSS property to change the border of an element to XYZ 15.1757, 14.4392, 2.3350 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(139, 99, 12) }
```


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

```
.border{ border-color:rgb(139, 99, 12) }
```

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

Here you see how a box with a 4 pixel rgb(139, 99, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 99, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 99, 12);  
box-shadow:4px 4px 4px 4px rgb(139, 99,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1757, 14.4392, 2.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 99, 12) }
```

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

```
.background{ background-color: rgb(139, 99,  
12) }
```

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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