

Converting Colors

XYZ(14.7596, 13.8382, 2.2355)

Have a look what the booklet for
XYZ(14.7596, 13.8382, 2.2355)
contains.

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Color

**XYZ(14.7305, 13.7956,
2.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	8A600C
RGB	138, 96, 12
RGB Percent	54%, 38%, 5%
CMY	0.4588, 0.6235, 0.9529
CMYK	0.00, 0.30, 0.91, 0.46
HSL	40°, 84%, 29%
HSV	40°, 91%, 54%
XYZ	14.7305, 13.7956, 2.2343
YIQ	98.9820, 51.9960, -17.2200

Conversions

Conversions Part 2

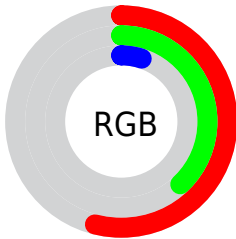
Format	Color
R_{YB}	75, 138, 12
Decimal	9068556
CIE _{Lab}	43.94, 10.22, 48.59
CIE _{LCh}	44, 49.650, 78.123
Yxy	13.7956, 0.4789, 0.4485
Android (android.graphics.Color)	4287258636 (0xFF8A600C)
YUV	98.9820, -42.8821, 34.2188
Hunter-Lab	37.1424, 5.7930, 22.4331

Details

The XYZ color **14.7305, 13.7956, 2.2343** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.0583, 4.5516, 24.6038**, and the grayscale version is **11.9512, 12.5736, 13.6926**.

A 20% lighter version of the original color is **34.0272, 32.6869, 9.6700**, and **4.7079, 4.1202, 0.5471** is the 20% darker color. If you saturate the color by 10%, you get **14.3085, 13.0580, 1.7663**, and if you desaturate by 10%, it is **15.2808, 14.7076, 2.9994**.

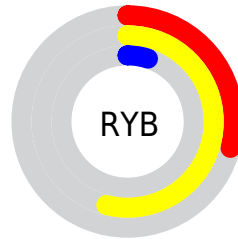
Distribution



Red (54%)

Green (38%)

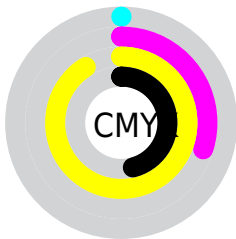
Blue (5%)



Red (29%)

Yellow (54%)

Blue (5%)

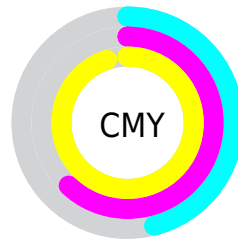


Cyan (0%)

Magenta (30%)

Yellow (91%)

Black (46%)



Cyan (46%)


Magenta (62%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7305, 13.7956, 2.2343 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 14.7305, 13.7956, 2.2343 by changing the saturation by 10% instead.


 14.7305, 13.7956,
2.2343


 14.7305, 13.7956,
2.2343


215.1500,
215.9555, 125.9150


 8.7155, 7.9786,
0.6941


 33.9553, 32.7259,
9.6720


 4.6117, 4.0813,
0.0000

 47.8958, 46.6080,
16.4310


 2.0537, 1.7191,
0.0000

 65.2088, 63.9474,
25.7748

 0.6639, 0.4360,
0.0000

 86.2598, 85.1283,
38.1220


 0.0000, 0.0000,
0.0000


 111.4141,
110.5351, 53.8910


 141.0370,


140.5524, 73.5005


 175.4938,
175.5644, 97.3690


 14.7305, 13.7956,
2.2343


 14.7305, 13.7956,
2.2343


 14.3085, 13.0580,
1.7663

 15.2808, 14.7076,
2.9994

 15.9298, 15.6984,
4.1630

 16.6879, 16.7735,
5.7753

 17.5633, 17.9367,
7.8790

 18.5637, 19.1917,
10.5116

■ 19.6958, 20.5418,
13.7070

■ 20.9658, 21.9900,
17.4963

■ 22.3796, 23.5393,
21.9083

■ 23.9425, 25.1923,
26.9698

Harmonies

Analogous

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



18.8337, 13.7956, 3.9798



14.7305, 13.7956, 2.2343



10.8986, 13.7956, 2.4101

Triad

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



14.7305, 13.7956, 2.2343



7.1600, 13.7956, 22.8122



19.5849, 13.7956, 34.6038

Complementary

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



14.7305, 13.7956, 2.2343



6.0583, 4.5516, 24.6038

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.



15.6072, 13.7956, 46.4225



14.7305, 13.7956, 2.2343



8.6857, 13.7956, 37.5958

Square

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



14.7305, 13.7956, 2.2343



7.0185, 13.7956, 10.9913



11.6172, 13.7956, 47.7301



21.9886, 13.7956, 19.9320

Rectangle

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



14.7305, 13.7956, 2.2343



8.9771, 13.7956, 3.6154



11.6172, 13.7956, 47.7301



18.3549, 13.7956, 39.3014

Sweetspot

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



14.7308, 13.7963, 2.2346



35.5221, 37.1387, 26.5229



11.2786, 5.9327, 4.0411



7.8268, 8.1678, 5.5352



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.7308, 13.7963, 2.2346



25.0723, 22.7188, 3.0637



16.4910, 21.9853, 3.7224



5.2930, 5.5688, 5.3483



13.1327, 11.9998, 1.6240



0.1007, 0.1067, 0.0153

Inverse Universe

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



6.0583, 4.5516, 24.6038



9.6758, 6.4137, 43.1112



5.3463, 2.4215, 24.2302



4.9020, 5.1470, 6.3409



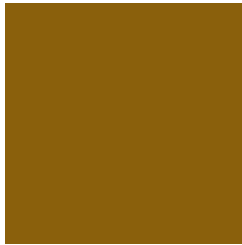
5.1141, 3.4985, 22.4514



0.0464, 0.0481, 0.1533

Previews

White Background



This preview shows how the XYZ color 14.7305, 13.7956, 2.2343 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 14.7305, 13.7956, 2.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

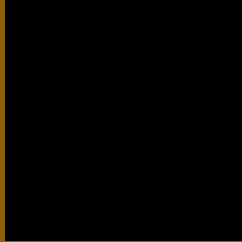
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7305, 13.7956, 2.2343

Background



This preview shows how black text looks on a background with the XYZ color 14.7305, 13.7956, 2.2343.



This preview shows how white text looks on a background with the XYZ color 14.7305, 13.7956,

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

14.7305, 13.7956, 2.2343

Protanopia

12.6090, 13.9892, 2.4876

Deuteranopia

14.0214, 13.8467, 2.1634



Tritanopia

16.8390, 13.7401, 12.8309

Trichromacy



Original Color

14.7305, 13.7956, 2.2343

Protanomaly

13.2881, 13.8944, 2.3970

Deuteranomaly

14.2485, 13.8234, 2.1757

Tritanomaly

15.7658, 13.6987, 6.8142

Monochromacy



Original Color

14.7305, 13.7956, 2.2343

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.1909, 12.6513, 7.1096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7305, 13.7956, 2.2343 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(138, 96, 12)` looks like.

```
.text, #text, p{  
    color:rgb(138, 96, 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(138, 96, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 96, 12) }
```

Border

The CSS property to change the border of an element to XYZ 14.7305, 13.7956, 2.2343 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(138, 96, 12) }
```


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

```
.border{ border-color:rgb(138, 96, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 96, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 96, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 96, 12);  
box-shadow:4px 4px 4px 4px rgb(138, 96,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7305, 13.7956, 2.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 96, 12) }
```

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

```
.background{ background-color: rgb(138, 96,  
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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