

Converting Colors

XYZ(14.0811, 11.2895, 1.6236)

Have a look what the booklet for
XYZ(14.0811, 11.2895, 1.6236)
contains.

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Color

**XYZ(14.0904, 11.3038,
1.6402)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4E07
RGB	143, 78, 7
RGB Percent	56%, 31%, 3%
CMY	0.4392, 0.6941, 0.9725
CMYK	0.00, 0.45, 0.95, 0.44
HSL	31°, 91%, 29%
HSV	31°, 95%, 56%
XYZ	14.0904, 11.3038, 1.6402
YIQ	89.3410, 61.5310, -8.3010

Conversions

Conversions Part 2

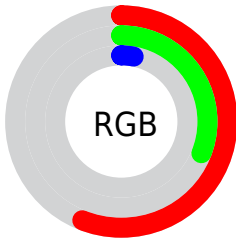
Format	Color
R_{YB}	132, 143, 7
Decimal	9391623
CIE _{Lab}	40.09, 22.87, 47.31
CIE _{LCh}	40, 52.546, 64.201
Yxy	11.3038, 0.5212, 0.4181
Android (android.graphics.Color)	4287581703 (0xFF8F4E07)
YUV	89.3410, -40.5941, 47.0589
Hunter-Lab	33.6211, 15.9713, 20.6423

Details

The XYZ color **14.0904, 11.3038, 1.6402** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **7.3627, 6.6626, 26.8842**, and the grayscale version is **9.6494, 10.1519, 11.0554**.

A 20% lighter version of the original color is **32.8919, 28.3211, 8.0079**, and **4.3543, 3.0115, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **13.8205, 10.8255, 1.3611**, and if you desaturate by 10%, it is **14.7016, 12.3665, 2.3364**.

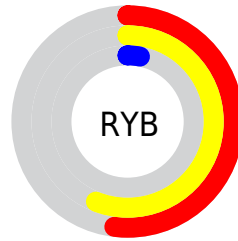
Distribution



Red (56%)

Green (31%)

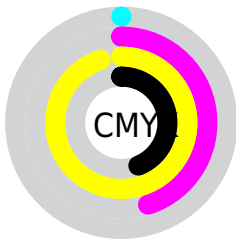
Blue (3%)



Red (52%)

Yellow (56%)

Blue (3%)

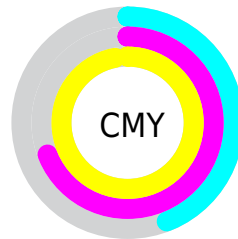


Cyan (0%)

Magenta (45%)

Yellow (95%)

Black (44%)



Cyan (44%)


Magenta (69%)


Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0904, 11.3038, 1.6402 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 14.0904, 11.3038, 1.6402 by changing the saturation by 10% instead.


 14.0904, 11.3038,
1.6402


 14.0904, 11.3038,
1.6402


 211.2919,
199.7401, 116.5129


 8.2657, 6.2716,
0.3193


 32.8343, 28.2206,
8.0315


 4.3187, 3.0109,
0.0000

 46.4841, 40.8739,
14.0721

 1.8839, 1.1374,
0.0000

 63.4731, 56.8364,
22.5674

 0.5675, 0.0097,
0.0000


 84.1665, 76.4925,
33.9359


 0.0000, 0.0000,
0.0000


 108.9298,
100.2265, 48.5962


 138.1282,


128.4228, 66.9667


 172.1271,
161.4659, 89.4661


 14.0904, 11.3038,
1.6402


 14.0904, 11.3038,
1.6402


 13.8205, 10.8255,
1.3611

 14.7016, 12.3665,
2.3364

 15.4388, 13.5623,
3.4415

 16.3165, 14.8996,
5.0225

 17.3451, 16.3849,
7.1291

 18.5343, 18.0239,
9.8046

■ 19.8925, 19.8223,
13.0877

■ 21.4276, 21.7850,
17.0137

■ 23.1469, 23.9168,
21.6151

■ 25.0572, 26.2224,
26.9224

Harmonies

Analogous

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



17.6421, 11.3038, 4.1241



14.0904, 11.3038, 1.6402



10.2389, 11.3038, 1.1831

Triad

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



14.0904, 11.3038, 1.6402



5.1622, 11.3038, 13.8369



15.1824, 11.3038, 37.4766

Complementary

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



14.0904, 11.3038, 1.6402



7.3627, 6.6626, 26.8842

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.



11.2653, 11.3038, 45.1199



14.0904, 11.3038, 1.6402



5.9290, 11.3038, 27.3807

Square

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



14.0904, 11.3038, 1.6402



5.5904, 11.3038, 5.4781



7.9743, 11.3038, 40.6497



18.3660, 11.3038, 23.2677

Rectangle

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



14.0904, 11.3038, 1.6402



8.1204, 11.3038, 1.5793



7.9743, 11.3038, 40.6497



13.8793, 11.3038, 41.1766

Sweetspot

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



14.0906, 11.3044, 1.6404



37.0941, 37.3918, 27.1518



12.5973, 6.4691, 6.8419



8.2682, 8.2686, 5.6215



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.0906, 11.3044, 1.6404



24.5782, 19.0419, 2.3800



20.7998, 25.2993, 3.9881



5.6272, 5.8607, 5.7240



12.2412, 9.6141, 1.2105



0.1391, 0.1361, 0.0189

Inverse Universe

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



7.3627, 6.6626, 26.8842



12.4482, 10.6901, 47.9453



5.1499, 2.1950, 26.1385



5.3289, 5.6535, 6.8391



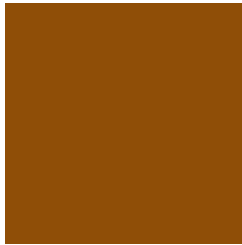
6.2506, 5.4871, 23.7068



0.0816, 0.0961, 0.2339

Previews

White Background



This preview shows how the XYZ color 14.0904, 11.3038, 1.6402 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 14.0904, 11.3038, 1.6402

Background



This preview shows how black text looks on a background with the XYZ color 14.0904, 11.3038, 1.6402.



This preview shows how white text looks on a background with the XYZ color 14.0904, 11.3038,

1.6402.

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

14.0904, 11.3038, 1.6402

Protanopia

10.2349, 11.3419, 2.0652

Deuteranopia

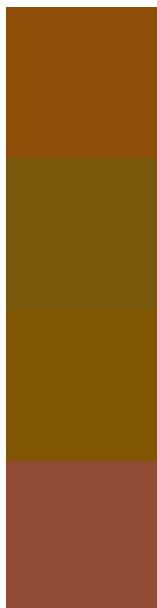
11.4019, 11.3054, 1.5812



Tritanopia

15.6117, 11.4261, 8.5904

Trichromacy



Original Color

14.0904, 11.3038, 1.6402

Protanomaly

11.3785, 11.1620, 1.8714

Deuteranomaly

12.2463, 11.2513, 1.6124

Tritanomaly

14.8130, 11.2998, 4.6492

Monochromacy



Original Color

14.0904, 11.3038, 1.6402

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.3446, 10.0640, 5.5350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0904, 11.3038, 1.6402 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(143, 78, 7)` looks like.

```
.text, #text, p{  
    color:rgb(143, 78, 7)  
}
```

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(143, 78, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 78, 7) }
```

Border

The CSS property to change the border of an element to XYZ 14.0904, 11.3038, 1.6402 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(143, 78, 7) }
```


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

```
.border{ border-color:rgb(143, 78, 7) }
```

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

Here you see how a box with a 4 pixel rgb(143, 78, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 78, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 78, 7);  
box-shadow:4px 4px 4px 4px rgb(143, 78, 7)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0904, 11.3038, 1.6402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 78, 7) }
```

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

```
.background{ background-color: rgb(143, 78,  
7) }
```

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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