

Converting Colors

XYZ(14.3416, 13.1153, 2.4640)

Have a look what the booklet for
XYZ(14.3416, 13.1153, 2.4640)
contains.

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Color

**XYZ(14.2790, 13.0268,
2.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	895C15
RGB	137, 92, 21
RGB Percent	54%, 36%, 8%
CMY	0.4627, 0.6392, 0.9176
CMYK	0.00, 0.33, 0.85, 0.46
HSL	37°, 73%, 31%
HSV	37°, 85%, 54%
XYZ	14.2790, 13.0268, 2.4713
YIQ	97.3610, 49.6110, -12.5410

Conversions

Conversions Part 2

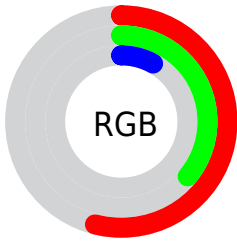
Format	Color
RYB	95, 137, 21
Decimal	9002005
CIELab	42.80, 12.34, 44.76
CIELCh	43, 46.428, 74.590
Yxy	13.0268, 0.4795, 0.4375
Android (android.graphics.Color)	4287192085 (0xFF895C15)
YUV	97.3610, -37.6460, 34.7634
Hunter-Lab	36.0927, 7.4561, 21.2052

Details

The XYZ color **14.2790, 13.0268, 2.4713** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **6.7727, 5.8617, 24.4411**, and the grayscale version is **11.5330, 12.1336, 13.2135**.

A 20% lighter version of the original color is **33.0585, 31.2703, 10.2546**, and **4.4567, 3.7478, 0.4885** is the 20% darker color. If you saturate the color by 10%, you get **13.7396, 12.1006, 1.8212**, and if you desaturate by 10%, it is **14.9196, 14.0462, 3.4919**.

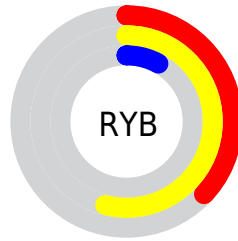
Distribution



Red (54%)

Green (36%)

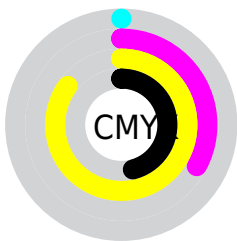
Blue (8%)



Red (37%)

Yellow (54%)

Blue (8%)

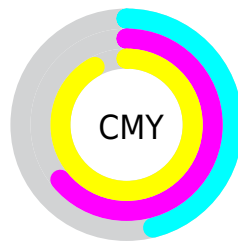


Cyan (0%)

Magenta (33%)

Yellow (85%)

Black (46%)



Cyan (46%)

Magenta (64%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2790, 13.0268, 2.4713 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 14.2790, 13.0268, 2.4713 by changing the saturation by 10% instead.

■ 14.2790, 13.0268,
2.4713

■ 14.2790, 13.0268,
2.4713

212.4357,
211.0894, 129.3124

■ 8.3980, 7.4470,
0.8249

■ 33.1654, 31.3519,
10.2933

■ 4.4046, 3.7432,
0.0000

■ 46.9015, 44.8660,
17.3126

■ 1.9335, 1.5310,
0.0000

■ 63.9866, 61.7937,
26.9621

■ 0.5962, 0.3104,
0.0000


■ 84.7862, 82.5194,
39.6605


■ 0.0000, 0.0000,
0.0000


■ 109.6655,
107.4273, 55.8261


■ 138.9900,


136.9021, 75.8776


 173.1249,
171.3279, 100.2336


 14.2790, 13.0268,
2.4713


 14.2790, 13.0268,
2.4713


 13.7396, 12.1006,
1.8212


 14.9196, 14.0462,
3.4919

 13.4757, 11.6368,
1.5359

 15.6720, 15.1626,
4.9407

 16.5457, 16.3811,
6.8620

 17.5483, 17.7059,
9.2942

 18.6871, 19.1408,
12.2718

■ 19.9685, 20.6892,
15.8262

■ 21.3986, 22.3546,
19.9865

■ 22.9831, 24.1399,
24.7797

■ 24.7271, 26.0483,
30.2313

Harmonies

Analogous

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



17.8866, 13.0268, 4.4307



14.2790, 13.0268, 2.4713



10.7455, 13.0268, 2.4489

Triad

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



14.2790, 13.0268, 2.4713



6.8953, 13.0268, 19.6805



17.7988, 13.0268, 33.0785

Complementary

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



14.2790, 13.0268, 2.4713



6.7727, 5.8617, 24.4411

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.



14.1758, 13.0268, 42.6335



14.2790, 13.0268, 2.4713



8.1407, 13.0268, 32.7330

Square

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



14.2790, 13.0268, 2.4713



6.9123, 13.0268, 9.6106



10.6602, 13.0268, 42.4834



20.1675, 13.0268, 20.0175

Rectangle

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



14.2790, 13.0268, 2.4713



8.9067, 13.0268, 3.4299



10.6602, 13.0268, 42.4834



16.6598, 13.0268, 37.0332

Sweetspot

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



14.2793, 13.0275, 2.4715



35.5475, 36.7982, 27.7378



11.6098, 6.2648, 5.9708



7.8126, 8.0616, 5.7703



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.



14.2793, 13.0275, 2.4715



23.9714, 20.5170, 2.6967



17.5968, 22.3354, 4.0933



5.2709, 5.5246, 5.3409



12.5645, 10.8634, 1.4346



0.0977, 0.1007, 0.0143

Inverse Universe

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



6.7727, 5.8617, 24.4411



10.2291, 7.5203, 43.2956



5.3981, 2.6594, 23.8954



4.9234, 5.1897, 6.3481



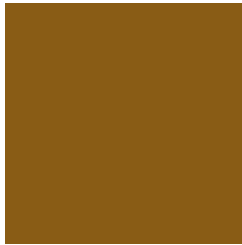
5.4090, 4.0883, 22.5497



0.0494, 0.0541, 0.1543

Previews

White Background



This preview shows how the XYZ color 14.2790, 13.0268, 2.4713 looks on a white background.

Color Contrast Check

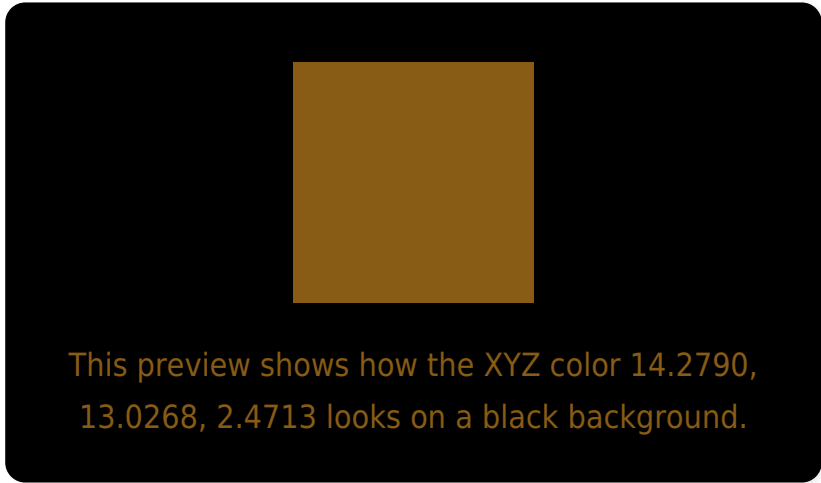
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2790, 13.0268, 2.4713

Background



This preview shows how black text looks on a background with the XYZ color 14.2790, 13.0268, 2.4713.



This preview shows how white text looks on a background with the XYZ color 14.2790, 13.0268,

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

14.2790, 13.0268, 2.4713

Protanopia

11.8557, 13.1461, 2.7767

Deuteranopia

13.1941, 12.9986, 2.3858



Tritanopia

16.2441, 13.0910, 11.7959

Trichromacy



Original Color

14.2790, 13.0268, 2.4713

Protanomaly

12.5484, 12.9348, 2.6459

Deuteranomaly

13.5698, 13.0567, 2.4211

Tritanomaly

15.2883, 12.9482, 6.8477

Monochromacy



Original Color

14.2790, 13.0268, 2.4713

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.8485, 12.0588, 7.3333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2790, 13.0268, 2.4713 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(137, 92, 21)` looks like.

```
.text, #text, p{  
    color:rgb(137, 92, 21)  
}
```

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(137, 92, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 92, 21) }
```

Border

The CSS property to change the border of an element to XYZ 14.2790, 13.0268, 2.4713 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(137, 92, 21) }
```


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

```
.border{ border-color:rgb(137, 92, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 92, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 92, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 92, 21);  
box-shadow:4px 4px 4px 4px rgb(137, 92,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2790, 13.0268, 2.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 92, 21) }
```

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

```
.background{ background-color: rgb(137, 92,  
21) }
```

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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