

Converting Colors

XYZ(14.3192, 13.3238, 1.8170)

Have a look what the booklet for
XYZ(14.3192, 13.3238, 1.8170)
contains.

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Color

**XYZ(14.3192, 13.3238,
1.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	895E00
RGB	137, 94, 0
RGB Percent	54%, 37%, 0%
CMY	0.4627, 0.6314, 1.0000
CMYK	0.00, 0.31, 1.00, 0.46
HSL	41°, 100%, 27%
HSV	41°, 100%, 54%
XYZ	14.3192, 13.3238, 1.8170
YIQ	96.1410, 55.8020, -20.1180

Conversions

Conversions Part 2

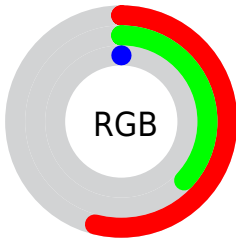
Format	Color
RYB	63, 137, 0
Decimal	9002496
CIELab	43.25, 10.67, 51.04
CIELCh	43, 52.146, 78.188
Yxy	13.3238, 0.4861, 0.4523
Android (android.graphics.Color)	4287192576 (0xFF895E00)
YUV	96.1410, -47.3975, 35.8333
Hunter-Lab	36.5018, 6.1452, 22.5999

Details

The XYZ color **14.3192, 13.3238, 1.8170** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **5.3791, 3.5337, 24.0652**, and the grayscale version is **11.2550, 11.8411, 12.8950**.

A 20% lighter version of the original color is **33.2684, 31.8644, 8.5347**, and **4.5366, 3.9077, 0.5152** is the 20% darker color. If you saturate the color by 10%, you get **14.3194, 13.3243, 1.8171**, and if you desaturate by 10%, it is **14.7898, 14.1415, 2.3551**.

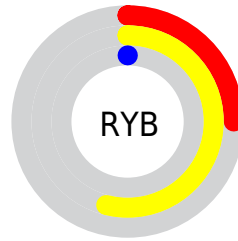
Distribution



Red (54%)

Green (37%)

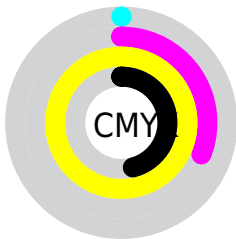
Blue (0%)



Red (25%)

Yellow (54%)

Blue (0%)

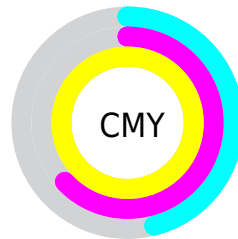


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (46%)



Cyan (46%)


Magenta (63%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3192, 13.3238, 1.8170 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 14.3192, 13.3238, 1.8170 by changing the saturation by 10% instead.


 14.3192, 13.3238,
1.8170


 14.3192, 13.3238,
1.8170


 212.6787,
212.9826, 119.4672


 8.4262, 7.6519,
0.4391


 33.2359, 31.8843,
8.5342


 4.4229, 3.8730,
0.0000

 46.9903, 45.5417,
14.8001

 1.9441, 1.6028,
0.0000

 64.0959, 62.6296,
23.5624

 0.6023, 0.3595,
0.0000


 84.9180, 83.5326,
35.2395


 0.0000, 0.0000,
0.0000


 109.8219,
108.6350, 50.2500


 139.1732,


138.3212, 69.0124


 173.3370,
172.9756, 91.9453


 14.3192, 13.3238,
1.8170


 14.3192, 13.3238,
1.8170


 14.3194, 13.3243,
1.8171

 14.7898, 14.1415,
2.3551

 15.3298, 15.0211,
3.1529

 15.9660, 15.9743,
4.3491

 16.7078, 17.0054,
5.9915

 17.5634, 18.1181,
8.1211

■ 18.5398, 19.3159,
10.7743

■ 19.6436, 20.6018,
13.9840

■ 20.8808, 21.9786,
17.7804

■ 22.2571, 23.4491,
22.1913

Harmonies

Analogous

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



18.5718, 13.3238, 3.4495



14.3192, 13.3238, 1.8170



10.3935, 13.3238, 1.9818

Triad

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



14.3192, 13.3238, 1.8170



6.6311, 13.3238, 22.6057



19.3705, 13.3238, 34.9323

Complementary

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



14.3192, 13.3238, 1.8170



5.3791, 3.5337, 24.0652

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.



15.2429, 13.3238, 47.5059



14.3192, 13.3238, 1.8170



8.1641, 13.3238, 38.1661

Square

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



14.3192, 13.3238, 1.8170



6.4871, 13.3238, 10.4181



11.1413, 13.3238, 48.9301



21.8760, 13.3238, 19.5471

Rectangle

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



14.3192, 13.3238, 1.8170



8.4478, 13.3238, 3.1143



11.1413, 13.3238, 48.9301



18.0909, 13.3238, 39.9134

Sweetspot

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



14.3195, 13.3245, 1.8173



35.0400, 36.7366, 24.6294



10.7596, 5.4956, 2.8164



7.6934, 8.0488, 5.0347



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.



14.3195, 13.3245, 1.8173



25.4936, 23.5614, 3.2041



15.6128, 21.3282, 3.2940



5.3009, 5.5846, 5.3509



13.3496, 12.4336, 1.6963



0.1018, 0.1089, 0.0156

Inverse Universe

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



5.3791, 3.5337, 24.0652



9.5014, 6.0648, 43.0530



4.9192, 2.0144, 23.7961



4.8944, 5.1318, 6.3384



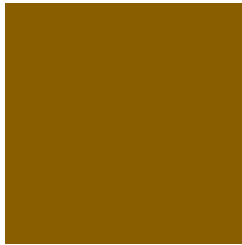
5.0204, 3.3112, 22.4202



0.0453, 0.0459, 0.1529

Previews

White Background



This preview shows how the XYZ color 14.3192, 13.3238, 1.8170 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 14.3192, 13.3238, 1.8170

Background



This preview shows how black text looks on a background with the XYZ color 14.3192, 13.3238, 1.8170.



This preview shows how white text looks on a background with the XYZ color 14.3192, 13.3238,

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

14.3192, 13.3238, 1.8170

Protanopia

12.1020, 13.4332, 2.2135

Deuteranopia

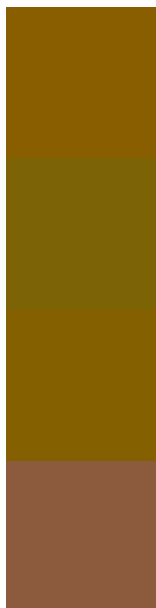
13.4806, 13.2952, 1.8557



Tritanopia

16.4131, 13.2873, 12.2893

Trichromacy



Original Color

14.3192, 13.3238, 1.8170

Protanomaly

12.9022, 13.4126, 2.0812

Deuteranomaly

13.8557, 13.3523, 1.8470

Tritanomaly

15.2870, 13.2140, 6.0198

Monochromacy



Original Color

14.3192, 13.3238, 1.8170

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.4901, 11.9008, 6.1064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3192, 13.3238, 1.8170 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, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 94, 0)  
}
```

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, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 94, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.3192, 13.3238, 1.8170 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, 94, 0) }
```


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

```
.border{ border-color:rgb(137, 94, 0) }
```

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

Here you see how a box with a 4 pixel rgb(137, 94, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 94, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 94, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 94, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.3192, 13.3238, 1.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 94, 0) }
```

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

```
.background{ background-color: rgb(137, 94,  
0) }
```

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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