

Converting Colors

XYZ(14.1437, 13.1110, 3.6155)

Have a look what the booklet for
XYZ(14.1437, 13.1110, 3.6155)
contains.

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Color

**XYZ(14.0957, 13.0370,
3.6072)**

Conversions

Conversions Part 1

Format	Color
Hex	865D26
RGB	134, 93, 38
RGB Percent	53%, 36%, 15%
CMY	0.4745, 0.6353, 0.8510
CMYK	0.00, 0.31, 0.72, 0.47
HSL	34°, 56%, 34%
HSV	34°, 72%, 53%
XYZ	14.0957, 13.0370, 3.6072
YIQ	98.9890, 42.0910, -8.4130

Conversions

Conversions Part 2

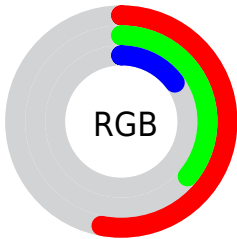
Format	Color
R_{YB}	110, 134, 38
Decimal	8805670
CIE _{Lab}	42.82, 11.13, 37.18
CIE _{LCh}	43, 38.808, 73.336
Yxy	13.0370, 0.4585, 0.4241
Android (android.graphics.Color)	4286995750 (0xFF865D26)
YUV	98.9890, -30.0676, 30.7046
Hunter-Lab	36.1068, 6.4976, 19.3515

Details

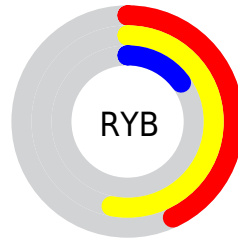
The XYZ color **14.0957, 13.0370, 3.6072** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **7.8982, 7.7248, 23.6288**, and the grayscale version is **11.9232, 12.5442, 13.6606**.

A 20% lighter version of the original color is **32.7374, 31.2640, 13.1132**, and **4.4099, 3.7824, 0.4976** is the 20% darker color. If you saturate the color by 10%, you get **13.4337, 11.9989, 2.5053**, and if you desaturate by 10%, it is **14.8738, 14.1828, 5.1322**.

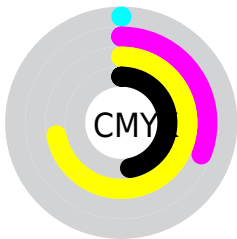
Distribution



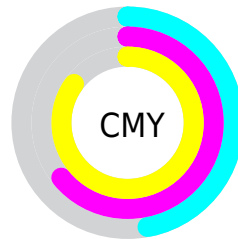
- Red (53%)
- Green (36%)
- Blue (15%)



- Red (43%)
- Yellow (53%)
- Blue (15%)



- Cyan (0%)
- Magenta (31%)
- Yellow (72%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0957, 13.0370, 3.6072 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 14.0957, 13.0370, 3.6072 by changing the saturation by 10% instead.


 14.0957, 13.0370,
3.6072


 14.0957, 13.0370,
3.6072


211.3241,
211.1547, 143.7539


 8.2694, 7.4540,
1.4124


 32.8436, 31.3702,
13.0932


 4.3211, 3.7476,
0.1514

 46.4959, 44.8893,
21.2215


 1.8853, 1.5334,
0.0000

 63.4876, 61.8225,
32.1648

 0.5683, 0.3121,
0.0000

 84.1840, 82.5543,
46.3415

 0.0000, 0.0000,
0.0000

 108.9505,
107.4690, 64.1702

 138.1524,

136.9510, 86.0695

172.1552,
171.3848, 112.4579

14.0957, 13.0370,
3.6072

14.0957, 13.0370,
3.6072

13.4337, 11.9989,
2.5053

14.8738, 14.1828,
5.1322

12.8772, 11.0613,
1.7791

15.7754, 15.4389,
7.1195

12.4696, 10.3447,
1.3395

16.8082, 16.8101,
9.6045

17.9789, 18.3003,
12.6188

19.2938, 19.9132,
16.1917

■ 20.7585, 21.6521,
20.3500

■ 22.3785, 23.5205,
25.1190

■ 24.1590, 25.5213,
30.5223

■ 26.1048, 27.6576,
36.5823

Harmonies

Analogous

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



17.0079, 13.0370, 5.6914



14.0957, 13.0370, 3.6072



11.1246, 13.0370, 3.5098

Triad

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



14.0957, 13.0370, 3.6072



7.6382, 13.0370, 18.2954



16.7208, 13.0370, 29.6533

Complementary

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



14.0957, 13.0370, 3.6072



7.8982, 7.7248, 23.6288

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.



13.7506, 13.0370, 36.6891



14.0957, 13.0370, 3.6072



8.6962, 13.0370, 28.5728

Square

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



14.0957, 13.0370, 3.6072



7.7004, 13.0370, 10.0159



10.8301, 13.0370, 36.2295



18.6809, 13.0370, 19.3999

Rectangle

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



14.0957, 13.0370, 3.6072



9.5200, 13.0370, 4.4691



10.8301, 13.0370, 36.2295



15.7887, 13.0370, 32.6267

Sweetspot

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



14.0960, 13.0377, 3.6074



34.0377, 35.1381, 28.6500



11.9578, 7.0279, 8.2386



7.5424, 7.7638, 6.1059



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.0960, 13.0377, 3.6074



23.0354, 20.0880, 3.5426



17.7168, 21.7482, 5.0979



4.8775, 5.0986, 4.9564



11.6968, 9.7161, 1.2589



0.0478, 0.0482, 0.0068

Inverse Universe

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



7.8982, 7.7248, 23.6288



11.4512, 10.2029, 41.1042



6.0522, 3.6520, 22.9399



4.5859, 4.8473, 5.8947



5.4245, 4.3967, 21.6994



0.0258, 0.0292, 0.0775

Previews

White Background



This preview shows how the XYZ color 14.0957, 13.0370, 3.6072 looks on a white background.

Color Contrast Check

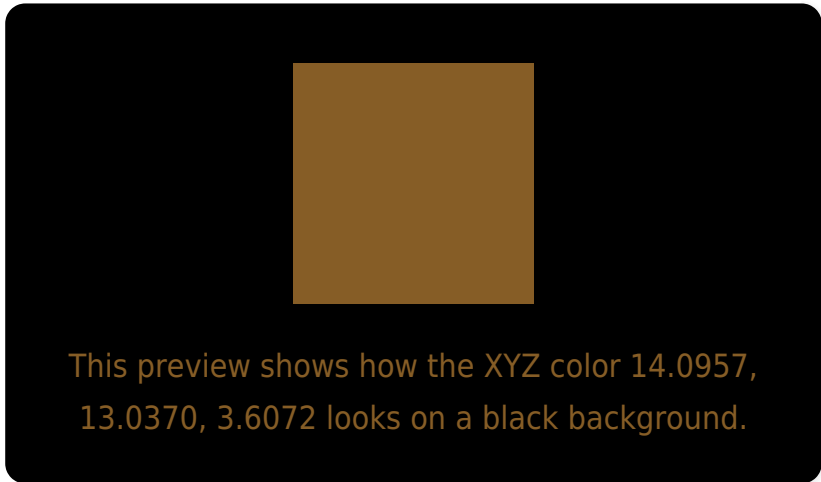
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0957, 13.0370, 3.6072

Background



This preview shows how black text looks on a background with the XYZ color 14.0957, 13.0370, 3.6072.



This preview shows how white text looks on a background with the XYZ color 14.0957, 13.0370,

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

14.0957, 13.0370, 3.6072

Protanopia

11.9444, 13.1667, 3.9194

Deuteranopia

13.2692, 13.0113, 3.5623



Tritanopia

15.9098, 13.0278, 12.2658

Trichromacy



Original Color

14.0957, 13.0370, 3.6072

Protanomaly

12.7132, 13.1351, 3.7847

Deuteranomaly

13.6321, 13.0638, 3.5533

Tritanomaly

15.1249, 12.9575, 8.1824

Monochromacy



Original Color

14.0957, 13.0370, 3.6072

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.2963, 12.5300, 8.7916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0957, 13.0370, 3.6072 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(134, 93, 38)` looks like.

```
.text, #text, p{  
    color:rgb(134, 93, 38)  
}
```

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(134, 93, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 93, 38) }
```

Border

The CSS property to change the border of an element to XYZ 14.0957, 13.0370, 3.6072 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(134, 93, 38) }
```


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

```
.border{ border-color:rgb(134, 93, 38) }
```

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

Here you see how a box with a 4 pixel rgb(134, 93, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 93, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 93, 38);  
box-shadow:4px 4px 4px 4px rgb(134, 93,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0957, 13.0370, 3.6072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 93, 38) }
```

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

```
.background{ background-color: rgb(134, 93,  
38) }
```

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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