

Converting Colors

XYZ(14.7693, 13.1594, 6.3103)

Have a look what the booklet for
XYZ(14.7693, 13.1594, 6.3103)
contains.

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Color

**XYZ(14.8500, 13.2363,
6.3296)**

Conversions

Conversions Part 1

Format	Color
Hex	885C3E
RGB	136, 92, 62
RGB Percent	53%, 36%, 24%
CMY	0.4667, 0.6392, 0.7569
CMYK	0.00, 0.32, 0.54, 0.47
HSL	24°, 37%, 39%
HSV	24°, 54%, 53%
XYZ	14.8500, 13.2363, 6.3296
YIQ	101.7360, 35.8540, -0.0020

Conversions

Conversions Part 2

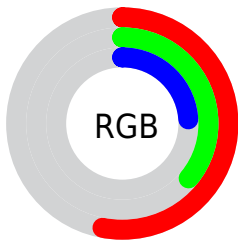
Format	Color
R_{YB}	136, 112, 62
Decimal	8936510
CIE _{Lab}	43.12, 14.48, 24.45
CIE _{LCh}	43, 28.417, 59.360
Yxy	13.2363, 0.4315, 0.3846
Android (android.graphics.Color)	4287126590 (0xFF885C3E)
YUV	101.7360, -19.5898, 30.0495
Hunter-Lab	36.3817, 9.1907, 15.1521

Details

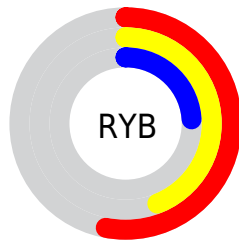
The XYZ color **14.8500, 13.2363, 6.3296** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5844, 13.1093, 25.2123**, and the grayscale version is **12.6036, 13.2600, 14.4401**.

A 20% lighter version of the original color is **34.2257, 31.6783, 19.0625**, and **4.6535, 3.8367, 1.0676** is the 20% darker color. If you saturate the color by 10%, you get **13.8591, 11.7788, 4.3830**, and if you desaturate by 10%, it is **16.0098, 14.8820, 8.7937**.

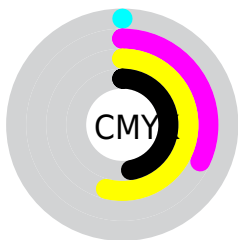
Distribution



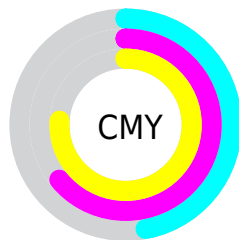
- Red (53%)
- Green (36%)
- Blue (24%)



- Red (53%)
- Yellow (44%)
- Blue (24%)



- Cyan (0%)
- Magenta (32%)
- Yellow (54%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.8500, 13.2363, 6.3296 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 14.8500, 13.2363, 6.3296 by changing the saturation by 10% instead.

 14.8500, 13.2363,
6.3296


 14.8500, 13.2363,
6.3296


215.8629,
212.4266, 171.3846


 8.7998, 7.5915,
2.9745


 34.1636, 31.7277,
19.1006


 4.6669, 3.8347,
1.0816

 48.1578, 45.3430,
29.3536


 2.0859, 1.5815,
0.0000

 65.5307, 62.3839,
42.7430

 0.6815, 0.3451,
0.0000

 86.6476, 83.2348,
59.6873

 0.0000, 0.0000,
0.0000

 111.8739,
108.2802, 80.6051

 141.5750,

137.9043, 105.9149

176.1162,
172.4917, 136.0352

■ 14.8500, 13.2363,
6.3296

■ 14.8500, 13.2363,
6.3296

■ 13.8591, 11.7788,
4.3830

■ 16.0098, 14.8820,
8.7937

■ 13.0266, 10.5001,
2.9148

■ 17.3460, 16.7211,
11.8087

■ 12.3423, 9.3927,
1.8817

■ 18.8671, 18.7606,
15.4064

■ 11.7931, 8.4471,
1.2272

■ 20.5804, 21.0071,
19.6156

■ 11.5262, 7.9800,
0.9328

■ 22.4928, 23.4662,
24.4634

■ 24.6111, 26.1439,
29.9751

■ 26.9414, 29.0456,
36.1747

■ 29.4898, 32.1765,
43.0851

■ 32.2621, 35.5417,
50.7279

Harmonies

Analogous

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



16.6172, 13.2363, 9.2729



14.8500, 13.2363, 6.3296



12.6277, 13.2363, 5.4066

Triad

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



14.8500, 13.2363, 6.3296



8.8238, 13.2363, 14.2779



14.7593, 13.2363, 27.6777

Complementary

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



14.8500, 13.2363, 6.3296



11.5844, 13.1093, 25.2123

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.



12.5338, 13.2363, 30.1383



14.8500, 13.2363, 6.3296



9.2573, 13.2363, 21.1671

Square

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



14.8500, 13.2363, 6.3296



9.2957, 13.2363, 9.1003



10.5552, 13.2363, 27.4703



16.5607, 13.2363, 21.4696

Rectangle

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



14.8500, 13.2363, 6.3296



11.2363, 13.2363, 5.7685



10.5552, 13.2363, 27.4703



14.0283, 13.2363, 29.0385

Sweetspot

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



14.8503, 13.2370, 6.3299



35.6572, 36.2253, 33.0461



14.4984, 9.7286, 14.8587



8.1312, 8.2242, 7.3399



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.



14.8503, 13.2370, 6.3299



24.1088, 20.2826, 7.1418



18.8205, 21.1774, 7.6533



5.1885, 5.3598, 5.3135



10.9179, 7.5703, 0.8858



0.0863, 0.0778, 0.0105

Inverse Universe

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



11.5844, 13.1093, 25.2123



17.7190, 19.9971, 43.9743



8.5835, 7.1075, 24.2120



5.0056, 5.3541, 6.3755



6.9904, 7.2510, 23.0768



0.0609, 0.0770, 0.1581

Previews

White Background



This preview shows how the XYZ color 14.8500, 13.2363, 6.3296 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 14.8500, 13.2363, 6.3296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

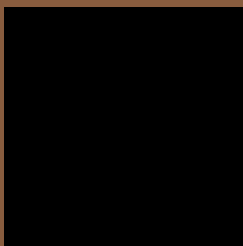
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.8500, 13.2363, 6.3296

Background



This preview shows how black text looks on a background with the XYZ color 14.8500, 13.2363, 6.3296.



This preview shows how white text looks on a background with the XYZ color 14.8500, 13.2363,

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

14.8500, 13.2363, 6.3296

Protanopia

12.2903, 13.2756, 7.0689

Deuteranopia

13.5222, 13.3574, 6.2804



Tritanopia

16.2027, 13.2946, 12.5386

Trichromacy



Original Color

14.8500, 13.2363, 6.3296

Protanomaly

13.0675, 13.1101, 6.8428

Deuteranomaly

13.9273, 13.2919, 6.2464

Tritanomaly

15.6149, 13.1726, 9.9032

Monochromacy



Original Color

14.8500, 13.2363, 6.3296

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.0274, 13.0009, 10.8396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8500, 13.2363, 6.3296 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(136, 92, 62)` looks like.

```
.text, #text, p{  
    color:rgb(136, 92, 62)  
}
```

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(136, 92, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 92, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.8500, 13.2363, 6.3296 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(136, 92, 62) }
```


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

```
.border{ border-color:rgb(136, 92, 62) }
```

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

Here you see how a box with a 4 pixel rgb(136, 92, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 92, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 92, 62);  
box-shadow:4px 4px 4px 4px rgb(136, 92,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8500, 13.2363, 6.3296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 92, 62) }
```

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

```
.background{ background-color: rgb(136, 92,  
62) }
```

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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