

Converting Colors

XYZ(14.3162, 13.1330, 5.5293)

Have a look what the booklet for
XYZ(14.3162, 13.1330, 5.5293)
contains.

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Color

**XYZ(14.3010, 13.1008,
5.5163)**

Conversions

Conversions Part 1

Format	Color
Hex	855D38
RGB	133, 93, 56
RGB Percent	52%, 36%, 22%
CMY	0.4784, 0.6353, 0.7804
CMYK	0.00, 0.30, 0.58, 0.48
HSL	29°, 41%, 37%
HSV	29°, 58%, 52%
XYZ	14.3010, 13.1008, 5.5163
YIQ	100.7420, 35.7170, -3.0270

Conversions

Conversions Part 2

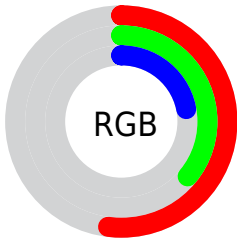
Format	Color
RYB	133, 127, 56
Decimal	8740152
CIELab	42.91, 11.99, 27.57
CIELCh	43, 30.068, 66.490
Yxy	13.1008, 0.4344, 0.3980
Android (android.graphics.Color)	4286930232 (0xFF855D38)
YUV	100.7420, -22.0578, 28.2903
Hunter-Lab	36.1950, 7.1858, 16.3004

Details

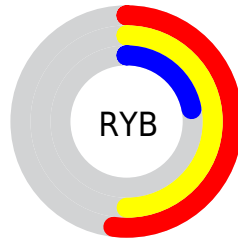
The XYZ color **14.3010, 13.1008, 5.5163** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.0471, 10.8993, 23.7643**, and the grayscale version is **12.3520, 12.9953, 14.1519**.

A 20% lighter version of the original color is **33.0602, 31.3358, 17.4026**, and **4.3911, 3.7650, 0.8431** is the 20% darker color. If you saturate the color by 10%, you get **13.4388, 11.8296, 3.8319**, and if you desaturate by 10%, it is **15.3051, 14.5175, 7.6748**.

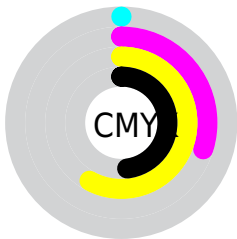
Distribution



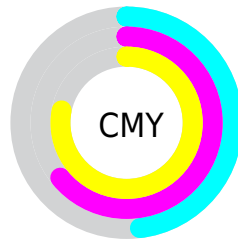
- Red (52%)
- Green (36%)
- Blue (22%)



- Red (52%)
- Yellow (50%)
- Blue (22%)



- Cyan (0%)
- Magenta (30%)
- Yellow (58%)
- Black (48%)





- Cyan (48%)
- Magenta (64%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3010, 13.1008, 5.5163 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 14.3010, 13.1008, 5.5163 by changing the saturation by 10% instead.


 14.3010, 13.1008,
5.5163

 14.3010, 13.1008,
5.5163


212.5687,
211.5627, 163.8264


 8.4134, 7.4980,
2.4893


 33.2040, 31.4848,
17.3784


 4.4146, 3.7754,
0.8345

 46.9501, 45.0347,
27.0505


 1.9393, 1.5488,
0.0000

 64.0464, 62.0025,
39.7747

 0.5995, 0.3227,
0.0000

 84.8583, 82.7725,
55.9696

 0.0000, 0.0000,
0.0000

 109.7511,
107.7291, 76.0536

 139.0903,

137.2568, 100.4454

173.2410,
171.7398, 129.5635

■ 14.3010, 13.1008,
5.5163

■ 14.3010, 13.1008,
5.5163

■ 13.4388, 11.8296,
3.8319

■ 15.3051, 14.5175,
7.6748

■ 12.7091, 10.6962,
2.5833

■ 16.4578, 16.0829,
10.3399

■ 12.1025, 9.6951,
1.7276

■ 17.7663, 17.8028,
13.5423

■ 11.5998, 8.8159,
1.1707

■ 19.2373, 19.6818,
17.3097

■ 11.5014, 8.6438,
1.0622

■ 20.8768, 21.7242,
21.6682

■ 22.6906, 23.9345,
26.6422

■ 24.6841, 26.3165,
32.2544

■ 26.8625, 28.8744,
38.5268

■ 29.2309, 31.6117,
45.4800

Harmonies

Analogous

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



16.3572, 13.1008, 7.9796



14.3010, 13.1008, 5.5163



11.9586, 13.1008, 5.0171

Triad

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



14.3010, 13.1008, 5.5163



8.5539, 13.1008, 15.7448



15.2719, 13.1008, 27.0647

Complementary

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



14.3010, 13.1008, 5.5163



10.0471, 10.8993, 23.7643

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.



12.9586, 13.1008, 30.9158



14.3010, 13.1008, 5.5163



9.2237, 13.1008, 23.2017

Square

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



14.3010, 13.1008, 5.5163



8.8204, 13.1008, 9.7846



10.7695, 13.1008, 29.3190



16.9642, 13.1008, 19.9379

Rectangle

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



14.3010, 13.1008, 5.5163



10.5814, 13.1008, 5.6654



10.7695, 13.1008, 29.3190



14.5309, 13.1008, 28.8712

Sweetspot

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



14.3013, 13.1014, 5.5166



34.5922, 35.4250, 31.3688



13.2478, 8.6792, 12.3026



7.6905, 7.8512, 6.7991



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.



14.3013, 13.1014, 5.5166



23.6943, 20.6180, 6.1907



18.4269, 21.3527, 6.8918



4.8435, 5.0306, 4.9451



10.9634, 8.2495, 1.0145



0.0452, 0.0431, 0.0059

Inverse Universe

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



10.0471, 10.8993, 23.7643



15.3238, 16.2782, 42.0728



7.4064, 5.6179, 22.8841



4.6197, 4.9149, 5.9059



6.0727, 5.6933, 21.9155



0.0283, 0.0343, 0.0784

Previews

White Background



This preview shows how the XYZ color 14.3010, 13.1008, 5.5163 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 14.3010, 13.1008, 5.5163

Background



This preview shows how black text looks on a background with the XYZ color 14.3010, 13.1008, 5.5163.



This preview shows how white text looks on a background with the XYZ color 14.3010, 13.1008,

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

14.3010, 13.1008, 5.5163

Protanopia

12.0963, 13.1980, 6.0476

Deuteranopia

13.2765, 13.1103, 5.4452



Tritanopia

15.7086, 13.0399, 12.5155

Trichromacy



Original Color

14.3010, 13.1008, 5.5163

Protanomaly

12.8333, 13.1511, 5.8650

Deuteranomaly

13.6249, 13.1536, 5.4352

Tritanomaly

15.1330, 13.0573, 9.5073

Monochromacy



Original Color

14.3010, 13.1008, 5.5163

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8174, 12.9020, 10.4091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3010, 13.1008, 5.5163 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(133, 93, 56)` looks like.

```
.text, #text, p{  
    color:rgb(133, 93, 56)  
}
```

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(133, 93, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 93, 56) }
```

Border

The CSS property to change the border of an element to XYZ 14.3010, 13.1008, 5.5163 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(133, 93, 56) }
```


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

```
.border{ border-color:rgb(133, 93, 56) }
```

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

Here you see how a box with a 4 pixel rgb(133, 93, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 93, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 93, 56);  
box-shadow:4px 4px 4px 4px rgb(133, 93,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3010, 13.1008, 5.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 93, 56) }
```

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

```
.background{ background-color: rgb(133, 93,  
56) }
```

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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