

Converting Colors

XYZ(15.4909, 13.1366, 5.3159)

Have a look what the booklet for
XYZ(15.4909, 13.1366, 5.3159)
contains.

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Color

**XYZ(15.5070, 13.0949,
5.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5837
RGB	143, 88, 55
RGB Percent	56%, 35%, 22%
CMY	0.4392, 0.6549, 0.7843
CMYK	0.00, 0.38, 0.62, 0.44
HSL	23°, 44%, 39%
HSV	23°, 62%, 56%
XYZ	15.5070, 13.0949, 5.3247
YIQ	100.6830, 43.3730, 1.3970

Conversions

Conversions Part 2

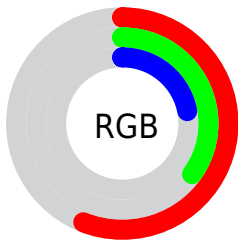
Format	Color
R_{YB}	143, 108, 55
Decimal	9394231
CIE Lab	42.91, 19.31, 28.42
CIE LCh	43, 34.361, 55.813
Yxy	13.0949, 0.4571, 0.3860
Android (android.graphics.Color)	4287584311 (0xFF8F5837)
YUV	100.6830, -22.5217, 37.1120
Hunter-Lab	36.1869, 13.1648, 16.6066

Details

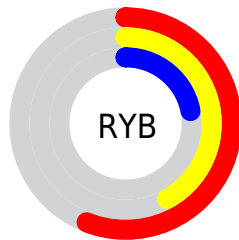
The XYZ color **15.5070, 13.0949, 5.3247** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.1091, 13.9466, 28.0402**, and the grayscale version is **12.3366, 12.9790, 14.1342**.

A 20% lighter version of the original color is **35.3561, 31.4356, 17.0362**, and **5.0082, 3.8039, 0.7869** is the 20% darker color. If you saturate the color by 10%, you get **14.5235, 11.5993, 3.5440**, and if you desaturate by 10%, it is **16.6804, 14.8115, 7.6591**.

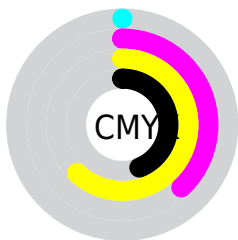
Distribution



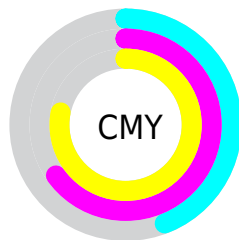
- Red (56%)
- Green (35%)
- Blue (22%)



- Red (56%)
- Yellow (42%)
- Blue (22%)



- Cyan (0%)
- Magenta (38%)
- Yellow (62%)
- Black (44%)



- Cyan (44%)
- Magenta (65%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5070, 13.0949, 5.3247 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 15.5070, 13.0949, 5.3247 by changing the saturation by 10% instead.

■ 15.5070, 13.0949,
5.3247

■ 15.5070, 13.0949,
5.3247

219.7428,
211.5250, 161.9742

■ 9.2646, 7.4939,
2.3770

■ 35.3046, 31.4742,
16.9651

■ 4.9727, 3.7729,
0.7739

■ 49.5905, 45.0213,
26.4948

■ 2.2658, 1.5473,
0.0000

■ 67.2883, 61.9858,
39.0555

■ 0.7771, 0.3217,
0.0000

■ 88.7633, 82.7523,
55.0659

■ 0.0000, 0.0000,
0.0000

■ 114.3809,
107.7051, 74.9444

■ 144.5065,

137.2285, 99.1096

179.5053,
171.7070, 127.9800

■ 15.5070, 13.0949,
5.3247

■ 15.5070, 13.0949,
5.3247

■ 14.5235, 11.5993,
3.5440

■ 16.6804, 14.8115,
7.6591

■ 13.7169, 10.3126,
2.2685

■ 18.0537, 16.7564,
10.5886

■ 13.0737, 9.2246,
1.4425

■ 19.6372, 18.9389,
14.1514

■ 12.6297, 8.4437,
0.9641

■ 21.4401, 21.3671,
18.3822

■ 23.4709, 24.0489,
23.3134

■ 25.7379, 26.9915,
28.9751

■ 28.2488, 30.2022,
35.3955

■ 31.0110, 33.6877,
42.6017

■ 34.0314, 37.4544,
50.6190

Harmonies

Analogous

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



17.5719, 13.0949, 8.8393



15.5070, 13.0949, 5.3247



12.8189, 13.0949, 4.1473

Triad

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



15.5070, 13.0949, 5.3247



8.0563, 13.0949, 13.2275



14.7789, 13.0949, 31.6566

Complementary

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



15.5070, 13.0949, 5.3247



12.1091, 13.9466, 28.0402

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.



12.0810, 13.0949, 34.1092



15.5070, 13.0949, 5.3247



8.4291, 13.0949, 21.5337

Square

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



15.5070, 13.0949, 5.3247



8.7168, 13.0949, 7.5744



9.8174, 13.0949, 29.8923



17.1117, 13.0949, 24.0335

Rectangle

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



15.5070, 13.0949, 5.3247



11.1195, 13.0949, 4.3748



9.8174, 13.0949, 29.8923



13.8747, 13.0949, 33.2067

Sweetspot

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



15.5073, 13.0956, 5.3249



39.4994, 39.7319, 35.5698



15.5485, 9.7139, 16.0176



8.8450, 8.8283, 7.6448



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.5073, 13.0956, 5.3249



25.3910, 19.8007, 5.3233



20.1694, 22.4198, 6.8790



5.5643, 5.7348, 5.7030



11.1860, 7.5037, 0.8588



0.1269, 0.1116, 0.0149

Inverse Universe

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



12.1091, 13.9466, 28.0402



18.7094, 21.3751, 49.6777



8.5249, 6.7782, 26.8455



5.3926, 5.7810, 6.8604



7.5902, 8.1663, 24.1533



0.0938, 0.1206, 0.2380

Previews

White Background



This preview shows how the XYZ color 15.5070, 13.0949, 5.3247 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 15.5070, 13.0949, 5.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

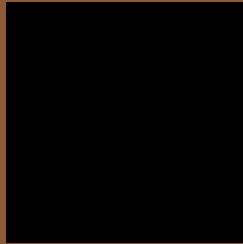
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5070, 13.0949, 5.3247

Background



This preview shows how black text looks on a background with the XYZ color 15.5070, 13.0949, 5.3247.



This preview shows how white text looks on a background with the XYZ color 15.5070, 13.0949,

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

15.5070, 13.0949, 5.3247

Protanopia

12.1225, 13.2085, 6.1855

Deuteranopia

13.3747, 13.1664, 5.2046



Tritanopia

16.6928, 13.0986, 11.3213

Trichromacy



Original Color

15.5070, 13.0949, 5.3247

Protanomaly

13.2068, 13.0658, 5.8289

Deuteranomaly

14.1843, 13.1773, 5.2859

Tritanomaly

16.0897, 12.9621, 8.6751

Monochromacy



Original Color

15.5070, 13.0949, 5.3247

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.9856, 12.7188, 10.1581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5070, 13.0949, 5.3247 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(143, 88, 55)` looks like.

```
.text, #text, p{  
    color:rgb(143, 88, 55)  
}
```

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(143, 88, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 88, 55) }
```

Border

The CSS property to change the border of an element to XYZ 15.5070, 13.0949, 5.3247 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(143, 88, 55) }
```


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

```
.border{ border-color:rgb(143, 88, 55) }
```

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

Here you see how a box with a 4 pixel rgb(143, 88, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 88, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 88, 55);  
box-shadow:4px 4px 4px 4px rgb(143, 88,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5070, 13.0949, 5.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 88, 55) }
```

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

```
.background{ background-color: rgb(143, 88,  
55) }
```

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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