

Converting Colors

XYZ(15.9170, 13.5053, 7.5622)

Have a look what the booklet for
XYZ(15.9170, 13.5053, 7.5622)
contains.

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Color

**XYZ(15.9170, 13.5053,
7.5622)**

Conversions

Conversions Part 1

Format	Color
Hex	8E5A46
RGB	142, 90, 70
RGB Percent	56%, 35%, 27%
CMY	0.4431, 0.6470, 0.7255
CMYK	0.00, 0.37, 0.51, 0.44
HSL	17°, 34%, 42%
HSV	17°, 51%, 56%
XYZ	15.9170, 13.5053, 7.5622
YIQ	103.2680, 37.4120, 4.8040

Conversions

Conversions Part 2

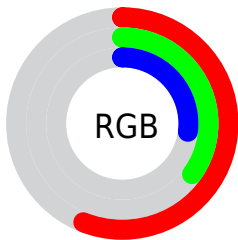
Format	Color
R_{YB}	142, 98, 70
Decimal	9329222
CIE _{Lab}	43.51, 19.07, 20.40
CIE _{LCh}	44, 27.926, 46.934
Yxy	13.5053, 0.4304, 0.3652
Android (android.graphics.Color)	4287519302 (0xFF8E5A46)
YUV	103.2680, -16.4011, 33.9680
Hunter-Lab	36.7496, 13.0003, 13.5242

Details

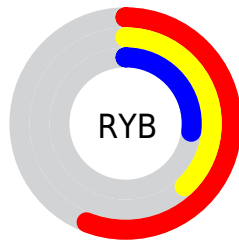
The XYZ color **15.9170, 13.5053, 7.5622** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.3675, 17.1734, 28.1487**, and the grayscale version is **12.9986, 13.6755, 14.8927**.

A 20% lighter version of the original color is **35.9966, 32.0938, 21.7503**, and **5.2070, 3.9998, 1.4749** is the 20% darker color. If you saturate the color by 10%, you get **14.7146, 11.7350, 5.2054**, and if you desaturate by 10%, it is **17.3455, 15.5581, 10.5176**.

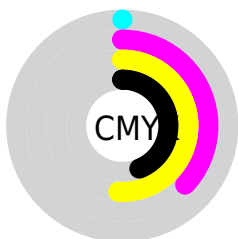
Distribution



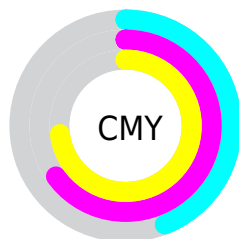
- Red (56%)
- Green (35%)
- Blue (27%)



- Red (56%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (44%)





- Cyan (44%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9170, 13.5053, 7.5622 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 15.9170, 13.5053, 7.5622 by changing the saturation by 10% instead.


 15.9170, 13.5053,
7.5622


 15.9170, 13.5053,
7.5622


222.1315,
214.1312, 182.0611


 9.5559, 7.7774,
3.7324


 36.0127, 32.2086,
21.6274


 5.1655, 3.9528,
1.4797

 50.4780, 45.9529,
32.6999


 2.3805, 1.6472,
0.2027

 68.3754, 63.1380,
47.0237

 0.8354, 0.3891,
0.0000

 90.0702, 84.1485,
65.0173

 0.0000, 0.0000,
0.0000

 115.9279,
109.3686, 87.0993

146.3138,

139.1829, 113.6883

181.5932,
173.9756, 145.2027

■ 15.9170, 13.5053,
7.5622

■ 15.9170, 13.5053,
7.5622

■ 14.7146, 11.7350,
5.2054

■ 17.3455, 15.5581,
10.5176

■ 13.7248, 10.2324,
3.4049

■ 19.0104, 17.9032,
14.1085

■ 12.9341, 8.9844,
2.1138

■ 20.9228, 20.5526,
18.3695

■ 12.3269, 7.9757,
1.2774

■ 23.0926, 23.5168,
23.3327

■ 11.8957, 7.2316,
0.7689

■ 25.5291, 26.8058,
29.0281

■ 28.2412, 30.4293,
35.4838

■ 31.2375, 34.3965,
42.7265

■ 34.5260, 38.7162,
50.7815

■ 38.1144, 43.3969,
59.6733

Harmonies

Analogous

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



17.2789, 13.5053, 11.4779



15.9170, 13.5053, 7.5622



13.8076, 13.5053, 5.8363

Triad

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



15.9170, 13.5053, 7.5622



9.1705, 13.5053, 12.1543



14.0965, 13.5053, 29.4401

Complementary

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



15.9170, 13.5053, 7.5622



14.3675, 17.1734, 28.1487

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.



11.9118, 13.5053, 29.7745



15.9170, 13.5053, 7.5622



9.2292, 13.5053, 18.4864

Square

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



15.9170, 13.5053, 7.5622



10.0109, 13.5053, 7.9360



10.1813, 13.5053, 25.3356



16.1490, 13.5053, 24.5210

Rectangle

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



15.9170, 13.5053, 7.5622



12.3369, 13.5053, 5.7167



10.1813, 13.5053, 25.3356



13.3491, 13.5053, 30.1328

Sweetspot

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



15.9173, 13.5060, 7.5625



38.9012, 38.9910, 36.9548



16.9082, 11.5563, 20.0128



8.5321, 8.4946, 7.8962



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.9173, 13.5060, 7.5625



25.6507, 20.2485, 8.6198



19.6198, 20.9110, 8.7966



5.5233, 5.6529, 5.6894



10.6946, 6.5208, 0.6950



0.1188, 0.0955, 0.0122

Inverse Universe

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



14.3675, 17.1734, 28.1487



22.5600, 27.4207, 49.2316



10.8004, 10.0393, 26.9597



5.4353, 5.8665, 6.8746



8.7143, 10.4146, 24.5280



0.1019, 0.1367, 0.2407

Previews

White Background



This preview shows how the XYZ color 15.9170, 13.5053, 7.5622 looks on a white background.

Color Contrast Check

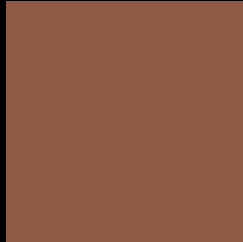
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9170, 13.5053, 7.5622 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 15.9170, 13.5053, 7.5622

Background



This preview shows how black text looks on a background with the XYZ color 15.9170, 13.5053, 7.5622.



This preview shows how white text looks on a background with the XYZ color 15.9170, 13.5053,

7.5622.

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

15.9170, 13.5053, 7.5622

Protanopia

12.7103, 13.6018, 8.7930

Deuteranopia

13.8174, 13.6261, 7.3707



Tritanopia

16.8856, 13.5360, 12.0787

Trichromacy



Original Color

15.9170, 13.5053, 7.5622

Protanomaly

13.6298, 13.3674, 8.3404

Deuteranomaly

14.6171, 13.6207, 7.4889

Tritanomaly

16.4571, 13.4750, 10.3279

Monochromacy



Original Color

15.9170, 13.5053, 7.5622

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5921, 13.2726, 11.7430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9170, 13.5053, 7.5622 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(142, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(142, 90, 70)  
}
```

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(142, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 90, 70) }
```

Border

The CSS property to change the border of an element to XYZ 15.9170, 13.5053, 7.5622 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(142, 90, 70) }
```


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

```
.border{ border-color:rgb(142, 90, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 90, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(142, 90,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9170, 13.5053, 7.5622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 90, 70) }
```

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

```
.background{ background-color: rgb(142, 90,  
70) }
```

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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