

Converting Colors

XYZ(15.1088, 12.7414, 5.4949)

Have a look what the booklet for
XYZ(15.1088, 12.7414, 5.4949)
contains.

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Color

**XYZ(15.1312, 12.7745,
5.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5739
RGB	141, 87, 57
RGB Percent	55%, 34%, 22%
CMY	0.4471, 0.6588, 0.7765
CMYK	0.00, 0.38, 0.60, 0.45
HSL	21°, 42%, 39%
HSV	21°, 60%, 55%
XYZ	15.1312, 12.7745, 5.5391
YIQ	99.7260, 41.8140, 2.1180

Conversions

Conversions Part 2

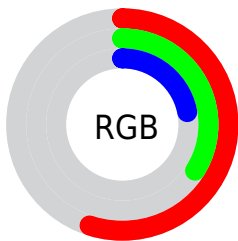
Format	Color
R_{YB}	141, 104, 57
Decimal	9262905
CIE _{Lab}	42.42, 19.17, 26.62
CIE _{LCh}	42, 32.804, 54.241
Yxy	12.7745, 0.4524, 0.3820
Android (android.graphics.Color)	4287452985 (0xFF8D5739)
YUV	99.7260, -21.0639, 36.1973
Hunter-Lab	35.7414, 13.0208, 15.8304

Details

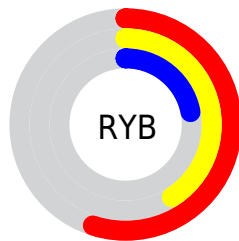
The XYZ color **15.1312, 12.7745, 5.5391** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.1791, 14.1611, 27.2906**, and the grayscale version is **12.0881, 12.7176, 13.8495**.

A 20% lighter version of the original color is **34.5214, 30.7816, 17.4866**, and **4.7961, 3.6412, 0.8308** is the 20% darker color. If you saturate the color by 10%, you get **14.1388, 11.2767, 3.7074**, and if you desaturate by 10%, it is **16.3141, 14.4970, 7.9166**.

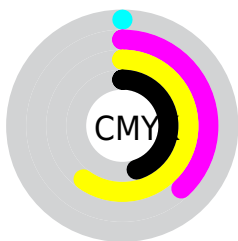
Distribution



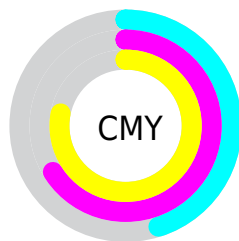
- Red (55%)
- Green (34%)
- Blue (22%)



- Red (55%)
- Yellow (41%)
- Blue (22%)



- Cyan (0%)
- Magenta (38%)
- Yellow (60%)
- Black (45%)



- Cyan (45%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1312, 12.7745, 5.5391 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 15.1312, 12.7745, 5.5391 by changing the saturation by 10% instead.

■ 15.1312, 12.7745,
5.5391

■ 15.1312, 12.7745,
5.5391

217.5316,
209.4674, 164.0448

■ 8.9984, 7.2735,
2.5027

■ 34.6529, 30.8981,
17.4273

■ 4.7973, 3.6337,
0.8416

■ 48.7726, 44.2894,
27.1162

■ 2.1623, 1.4708,
0.0000

■ 66.2853, 61.0796,
39.8597

■ 0.7228, 0.2681,
0.0000

■ 87.5564, 81.6530,
56.0763

■ 0.0000, 0.0000,
0.0000

■ 112.9513,
106.3941, 76.1846

■ 142.8352,

135.6873, 100.6031

177.5735,
169.9169, 129.7503

■ 15.1312, 12.7745,
5.5391

■ 15.1312, 12.7745,
5.5391

■ 14.1388, 11.2767,
3.7074

■ 16.3141, 14.4970,
7.9166

■ 13.3243, 9.9915,
2.3758

■ 17.6971, 16.4517,
10.8790

■ 12.6746, 8.9085,
1.4923

■ 19.2903, 18.6480,
14.4626

■ 12.1606, 8.0098,
0.9224

■ 21.1028, 21.0942,
18.7007

■ 12.1406, 7.9751,
0.8995

■ 23.1430, 23.7982,
23.6239

■ 25.4189, 26.7675,
29.2612

■ 27.9381, 30.0093,
35.6396

■ 30.7079, 33.5306,
42.7849

■ 33.7351, 37.3380,
50.7217

Harmonies

Analogous

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



17.0028, 12.7745, 9.0424



15.1312, 12.7745, 5.5391



12.6242, 12.7745, 4.2961

Triad

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



15.1312, 12.7745, 5.5391



8.0061, 12.7745, 12.5897



14.1961, 12.7745, 30.3449

Complementary

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



15.1312, 12.7745, 5.5391



12.1791, 14.1611, 27.2906

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.



11.6718, 12.7745, 32.2850



15.1312, 12.7745, 5.5391



8.3086, 12.7745, 20.2682

Square

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



15.1312, 12.7745, 5.5391



8.6839, 12.7745, 7.3832



9.5746, 12.7745, 28.1083



16.4138, 12.7745, 23.4581

Rectangle

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



15.1312, 12.7745, 5.5391



11.0115, 12.7745, 4.4576



9.5746, 12.7745, 28.1083



13.3469, 12.7745, 31.6770

Sweetspot

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



15.1315, 12.7751, 5.5393



38.2042, 38.3272, 34.4721



15.3500, 9.7500, 16.2856



8.3333, 8.2935, 7.2250



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.



15.1315, 12.7751, 5.5393



24.8582, 19.4773, 5.8470



19.4944, 21.5010, 6.9936



5.5567, 5.7197, 5.7005



11.0840, 7.2997, 0.8248



0.1254, 0.1087, 0.0144

Inverse Universe

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



12.1791, 14.1611, 27.2906



19.0421, 22.1098, 48.3919



8.6603, 7.1235, 26.1177



5.4004, 5.7966, 6.8630



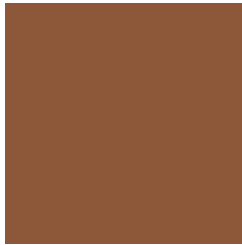
7.7819, 8.5499, 24.2172



0.0953, 0.1235, 0.2385

Previews

White Background



This preview shows how the XYZ color 15.1312, 12.7745, 5.5391 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 15.1312, 12.7745, 5.5391 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 15.1312, 12.7745, 5.5391

Background



This preview shows how black text looks on a background with the XYZ color 15.1312, 12.7745, 5.5391.



This preview shows how white text looks on a background with the XYZ color 15.1312, 12.7745,

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

15.1312, 12.7745, 5.5391

Protanopia

11.9536, 12.9702, 6.4309

Deuteranopia

13.0408, 12.8525, 5.4079



Tritanopia

16.2241, 12.7474, 11.0566

Trichromacy



Original Color

15.1312, 12.7745, 5.5391

Protanomaly

12.8836, 12.7569, 6.0583

Deuteranomaly

13.8341, 12.8601, 5.4945

Tritanomaly

15.6652, 12.6273, 8.6328

Monochromacy



Original Color

15.1312, 12.7745, 5.5391

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.7627, 12.4693, 10.1217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1312, 12.7745, 5.5391 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(141, 87, 57)` looks like.

```
.text, #text, p{  
    color:rgb(141, 87, 57)  
}
```

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(141, 87, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 87, 57) }
```

Border

The CSS property to change the border of an element to XYZ 15.1312, 12.7745, 5.5391 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(141, 87, 57) }
```


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

```
.border{ border-color:rgb(141, 87, 57) }
```

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

Here you see how a box with a 4 pixel rgb(141, 87, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 87, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 87, 57);  
box-shadow:4px 4px 4px 4px rgb(141, 87,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1312, 12.7745, 5.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 87, 57) }
```

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

```
.background{ background-color: rgb(141, 87,  
57) }
```

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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