

Converting Colors

XYZ(15.2747, 13.4293, 6.0989)

Have a look what the booklet for
XYZ(15.2747, 13.4293, 6.0989)
contains.

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Color

**XYZ(15.2902, 13.4695,
6.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5C3C
RGB	139, 92, 60
RGB Percent	55%, 36%, 24%
CMY	0.4549, 0.6392, 0.7647
CMYK	0.00, 0.34, 0.57, 0.45
HSL	24°, 40%, 39%
HSV	24°, 57%, 55%
XYZ	15.2902, 13.4695, 6.0690
YIQ	102.4050, 38.2840, 0.0120

Conversions

Conversions Part 2

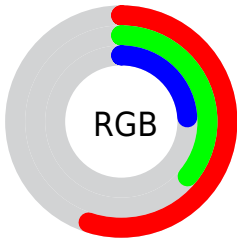
Format	Color
R_{YB}	139, 114, 60
Decimal	9133116
CIE Lab	43.46, 15.63, 26.12
CIE LCh	43, 30.442, 59.108
Yxy	13.4695, 0.4390, 0.3867
Android (android.graphics.Color)	4287323196 (0xFF8B5C3C)
YUV	102.4050, -20.9057, 32.0938
Hunter-Lab	36.7008, 10.1398, 15.8861

Details

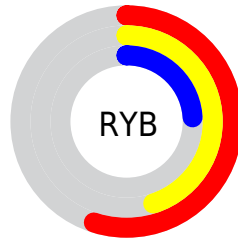
The XYZ color **15.2902, 13.4695, 6.0690** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.7811, 13.3395, 26.3798**, and the grayscale version is **12.7818, 13.4475, 14.6443**.

A 20% lighter version of the original color is **34.8855, 32.0308, 18.5313**, and **4.9083, 3.9698, 0.9978** is the 20% darker color. If you saturate the color by 10%, you get **14.2923, 11.9866, 4.1556**, and if you desaturate by 10%, it is **16.4635, 15.1488, 8.5174**.

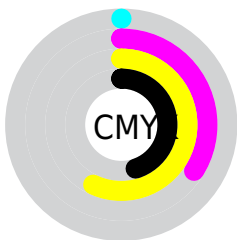
Distribution



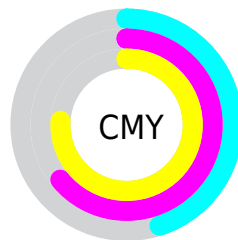
- Red (55%)
- Green (36%)
- Blue (24%)



- Red (55%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (34%)
- Yellow (57%)
- Black (45%)





- Cyan (45%)
- Magenta (64%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2902, 13.4695, 6.0690 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 15.2902, 13.4695, 6.0690 by changing the saturation by 10% instead.


 15.2902, 13.4695,
6.0690


 15.2902, 13.4695,
6.0690


218.4698,
213.9051, 169.0128


 9.1109, 7.7526,
2.8176


 34.9290, 32.1447,
18.5541


 4.8713, 3.9371,
1.0023

 49.1192, 45.8719,
28.6249


 2.2059, 1.6384,
0.0000

 66.7105, 63.0379,
41.8058

 0.7459, 0.3833,
0.0000

 88.0681, 84.0272,
58.5156

 0.0000, 0.0000,
0.0000

 113.5575,
109.2242, 79.1726

 143.5440,

139.0132, 104.1955

178.3930,
173.7787, 134.0027

■ 15.2902, 13.4695,
6.0690

■ 15.2902, 13.4695,
6.0690

■ 14.2923, 11.9866,
4.1556

■ 16.4635, 15.1488,
8.5174

■ 13.4586, 10.6899,
2.7349

■ 17.8205, 17.0300,
11.5373

■ 12.7779, 9.5714,
1.7593

■ 19.3702, 19.1209,
15.1626

■ 12.2318, 8.6191,
1.1454

■ 21.1204, 21.4281,
19.4245

■ 12.0766, 8.3474,
0.9747

■ 23.0786, 23.9581,
24.3519

■ 25.2520, 26.7168,
29.9721

■ 27.6473, 29.7102,
36.3107

■ 30.2707, 32.9439,
43.3920

■ 33.1286, 36.4232,
51.2392

Harmonies

Analogous

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



17.2159, 13.4695, 9.1846



15.2902, 13.4695, 6.0690



12.8735, 13.4695, 5.0976

Triad

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



15.2902, 13.4695, 6.0690



8.7614, 13.4695, 14.4635



15.1521, 13.4695, 29.2979

Complementary

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



15.2902, 13.4695, 6.0690



11.7811, 13.3395, 26.3798

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.



12.7314, 13.4695, 31.9910



15.2902, 13.4695, 6.0690



9.2160, 13.4695, 21.9834

Square

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



15.2902, 13.4695, 6.0690



9.2732, 13.4695, 8.9290



10.6002, 13.4695, 28.9763



17.1295, 13.4695, 22.4482

Rectangle

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



15.2902, 13.4695, 6.0690



11.3664, 13.4695, 5.4610



10.6002, 13.4695, 28.9763



14.3544, 13.4695, 30.7982

Sweetspot

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



15.2905, 13.4702, 6.0693



37.6458, 38.1427, 34.3471



14.9383, 9.7908, 15.1231



8.5443, 8.6186, 7.5933



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.



15.2905, 13.4702, 6.0693



25.1724, 20.8198, 6.6863



19.5927, 22.0746, 7.5033



5.1884, 5.3596, 5.3134



10.9159, 7.5661, 0.8851



0.0863, 0.0778, 0.0105

Inverse Universe

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



11.7811, 13.3395, 26.3798



18.2268, 20.5157, 46.7422



8.5849, 6.9471, 25.3144



5.0057, 5.3544, 6.3755



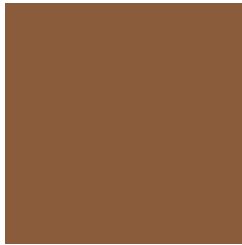
6.9936, 7.2575, 23.0779



0.0609, 0.0770, 0.1581

Previews

White Background



This preview shows how the XYZ color 15.2902, 13.4695, 6.0690 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 15.2902, 13.4695, 6.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

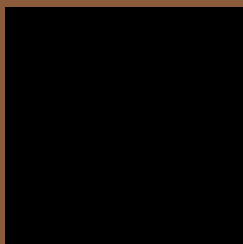
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2902, 13.4695, 6.0690

Background



This preview shows how black text looks on a background with the XYZ color 15.2902, 13.4695, 6.0690.



This preview shows how white text looks on a background with the XYZ color 15.2902, 13.4695,

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

15.2902, 13.4695, 6.0690

Protanopia

12.4578, 13.5154, 6.8026

Deuteranopia

13.7613, 13.4868, 6.0156



Tritanopia

16.6654, 13.5384, 12.3245

Trichromacy



Original Color

15.2902, 13.4695, 6.0690

Protanomaly

13.3851, 13.4201, 6.5875

Deuteranomaly

14.3324, 13.5068, 5.9893

Tritanomaly

16.0799, 13.4167, 9.7248

Monochromacy



Original Color

15.2902, 13.4695, 6.0690

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1582, 13.0683, 10.8458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2902, 13.4695, 6.0690 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(139, 92, 60)` looks like.

```
.text, #text, p{  
    color:rgb(139, 92, 60)  
}
```

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(139, 92, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 92, 60) }
```

Border

The CSS property to change the border of an element to XYZ 15.2902, 13.4695, 6.0690 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(139, 92, 60) }
```


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

```
.border{ border-color:rgb(139, 92, 60) }
```

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

Here you see how a box with a 4 pixel rgb(139, 92, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 92, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 92, 60);  
box-shadow:4px 4px 4px 4px rgb(139, 92,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2902, 13.4695, 6.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 92, 60) }
```

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

```
.background{ background-color: rgb(139, 92,  
60) }
```

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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