

Converting Colors

XYZ(15.1972, 13.2325, 6.6243)

Have a look what the booklet for
XYZ(15.1972, 13.2325, 6.6243)
contains.

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Color

**XYZ(15.1477, 13.2556,
6.6107)**

Conversions

Conversions Part 1

Format	Color
Hex	8A5B40
RGB	138, 91, 64
RGB Percent	54%, 36%, 25%
CMY	0.4588, 0.6431, 0.7490
CMYK	0.00, 0.34, 0.54, 0.46
HSL	22°, 37%, 40%
HSV	22°, 54%, 54%
XYZ	15.1477, 13.2556, 6.6107
YIQ	101.9750, 36.6790, 1.5670

Conversions

Conversions Part 2

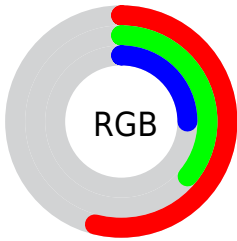
Format	Color
RYB	138, 107, 64
Decimal	9067328
CIELab	43.15, 16.15, 23.37
CIELCh	43, 28.404, 55.358
Yxy	13.2556, 0.4326, 0.3786
Android (android.graphics.Color)	4287257408 (0xFF8A5B40)
YUV	101.9750, -18.7217, 31.5939
Hunter-Lab	36.4082, 10.5508, 14.7204

Details

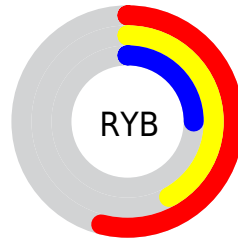
The XYZ color **15.1477, 13.2556, 6.6107** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.3859, 14.2931, 26.1506**, and the grayscale version is **12.6637, 13.3232, 14.5090**.

A 20% lighter version of the original color is **34.6976, 31.6889, 19.6170**, and **4.8110, 3.8586, 1.1530** is the 20% darker color. If you saturate the color by 10%, you get **14.0966, 11.7061, 4.5569**, and if you desaturate by 10%, it is **16.3841, 15.0204, 9.2060**.

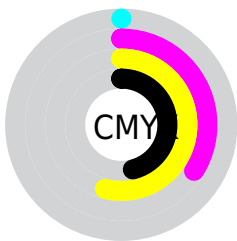
Distribution



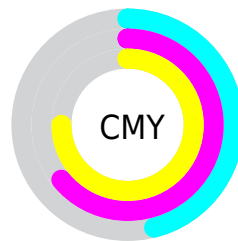
- Red (54%)
- Green (36%)
- Blue (25%)



- Red (54%)
- Yellow (42%)
- Blue (25%)



- Cyan (0%)
- Magenta (34%)
- Yellow (54%)
- Black (46%)





- Cyan (46%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.1477, 13.2556, 6.6107 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 15.1477, 13.2556, 6.6107 by changing the saturation by 10% instead.


 15.1477, 13.2556,
6.6107


 15.1477, 13.2556,
6.6107


217.6292,
212.5493, 173.8949


 9.0101, 7.6048,
3.1451


 34.6816, 31.7622,
19.6850


 4.8049, 3.8431,
1.1692

 48.8086, 45.3868,
30.1308


 2.1668, 1.5862,
0.0000

 66.3295, 62.4381,
43.7404

 0.7252, 0.3483,
0.0000

 87.6096, 83.3006,
60.9324

 0.0000, 0.0000,
0.0000

 113.0143,
108.3585, 82.1253

 142.9088,

137.9964, 107.7377

177.6587,
172.5985, 138.1880

■ 15.1477, 13.2556,
6.6107

■ 15.1477, 13.2556,
6.6107

■ 14.0966, 11.7061,
4.5569

■ 16.3841, 15.0204,
9.2060

■ 13.2197, 10.3609,
3.0045

■ 17.8144, 17.0067,
12.3777

■ 12.5056, 9.2111,
1.9086

■ 19.4475, 19.2232,
16.1583

■ 11.9410, 8.2458,
1.2150

■ 21.2916, 21.6772,
20.5780

■ 11.6371, 7.7152,
0.8758

■ 23.3544, 24.3758,
25.6647

■ 25.6431, 27.3258,
31.4447

■ 28.1647, 30.5337,
37.9430

■ 30.9257, 34.0057,
45.1833

■ 33.9324, 37.7478,
53.1880

Harmonies

Analogous

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



16.8005, 13.2556, 9.8595



15.1477, 13.2556, 6.6107



12.9429, 13.2556, 5.4405

Triad

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



15.1477, 13.2556, 6.6107



8.8505, 13.2556, 13.4789



14.4901, 13.2556, 28.3050

Complementary

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



15.1477, 13.2556, 6.6107



12.3859, 14.2931, 26.1506

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.



12.2613, 13.2556, 30.1004



15.1477, 13.2556, 6.6107



9.1639, 13.2556, 20.2391

Square

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



15.1477, 13.2556, 6.6107



9.4423, 13.2556, 8.6055



10.3536, 13.2556, 26.8033



16.3910, 13.2556, 22.4317

Rectangle

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



15.1477, 13.2556, 6.6107



11.5163, 13.2556, 5.6472



10.3536, 13.2556, 26.8033



13.7477, 13.2556, 29.4664

Sweetspot

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



15.1480, 13.2563, 6.6110



36.6089, 36.9916, 34.0394



15.2448, 10.2422, 16.5319



8.0818, 8.1253, 7.3234



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.1480, 13.2563, 6.6110



24.5565, 20.1946, 7.4931



18.9830, 20.9263, 7.8893



5.1726, 5.3280, 5.3082



10.6827, 7.0998, 0.8074



0.0840, 0.0733, 0.0097

Inverse Universe

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



12.3859, 14.2931, 26.1506



19.1365, 22.1712, 45.6540



9.2247, 7.9708, 25.0969



5.0219, 5.3868, 6.3809



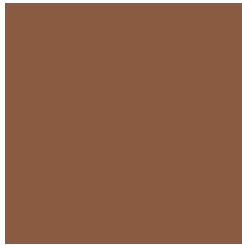
7.3929, 8.0561, 23.2110



0.0631, 0.0815, 0.1589

Previews

White Background



This preview shows how the XYZ color 15.1477, 13.2556, 6.6107 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 15.1477, 13.2556, 6.6107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

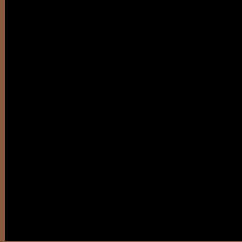
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1477, 13.2556, 6.6107

Background



This preview shows how black text looks on a background with the XYZ color 15.1477, 13.2556, 6.6107.



This preview shows how white text looks on a background with the XYZ color 15.1477, 13.2556,

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

15.1477, 13.2556, 6.6107

Protanopia

12.3503, 13.2996, 7.3850

Deuteranopia

13.5771, 13.3793, 6.5695



Tritanopia

16.2438, 13.2000, 12.2814

Trichromacy



Original Color

15.1477, 13.2556, 6.6107

Protanomaly

13.2660, 13.2056, 7.1599

Deuteranomaly

14.0427, 13.2104, 6.5124

Tritanomaly

15.6985, 13.0929, 9.8834

Monochromacy



Original Color

15.1477, 13.2556, 6.6107

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.1994, 13.0848, 11.0625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1477, 13.2556, 6.6107 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(138, 91, 64)` looks like.

```
.text, #text, p{  
    color:rgb(138, 91, 64)  
}
```

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(138, 91, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 91, 64) }
```

Border

The CSS property to change the border of an element to XYZ 15.1477, 13.2556, 6.6107 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(138, 91, 64) }
```


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

```
.border{ border-color:rgb(138, 91, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 91, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 91, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 91, 64);  
box-shadow:4px 4px 4px 4px rgb(138, 91,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1477, 13.2556, 6.6107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 91, 64) }
```

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

```
.background{ background-color: rgb(138, 91,  
64) }
```

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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