

Converting Colors

XYZ(15.9384, 11.5361, 6.8555)

Have a look what the booklet for
XYZ(15.9384, 11.5361, 6.8555)
contains.

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Color

**XYZ(15.9384, 11.5361,
6.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	964844
RGB	150, 72, 68
RGB Percent	59%, 28%, 27%
CMY	0.4118, 0.7176, 0.7333
CMYK	0.00, 0.52, 0.55, 0.41
HSL	3°, 38%, 43%
HSV	3°, 55%, 59%
XYZ	15.9384, 11.5361, 6.8555
YIQ	94.8660, 47.7720, 15.2920

Conversions

Conversions Part 2

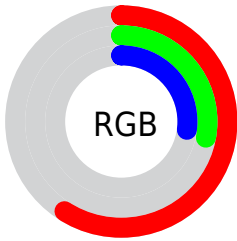
Format	Color
R_{YB}	150, 72, 68
Decimal	9848900
CIE Lab	40.47, 32.32, 17.80
CIE LCh	40, 36.896, 28.836
Yxy	11.5361, 0.4643, 0.3360
Android (android.graphics.Color)	4288038980 (0xFF964844)
YUV	94.8660, -13.2449, 48.3525
Hunter-Lab	33.9648, 24.3248, 11.8082

Details

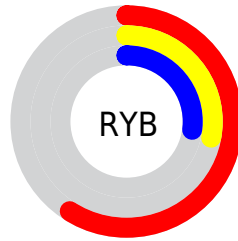
The XYZ color **15.9384, 11.5361, 6.8555** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **18.1671, 23.9873, 32.5265**, and the grayscale version is **10.8682, 11.4342, 12.4518**.

A 20% lighter version of the original color is **35.9675, 28.6923, 20.1655**, and **5.2012, 3.1159, 1.2470** is the 20% darker color. If you saturate the color by 10%, you get **14.7201, 9.7407, 4.4726**, and if you desaturate by 10%, it is **17.4885, 13.8077, 9.9272**.

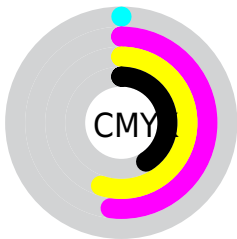
Distribution



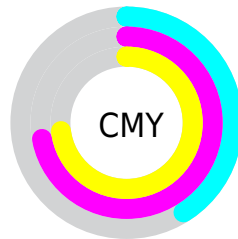
- Red (59%)
- Green (28%)
- Blue (27%)



- Red (59%)
- Yellow (28%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (55%)
- Black (41%)





- Cyan (41%)
- Magenta (72%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9384, 11.5361, 6.8555 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 15.9384, 11.5361, 6.8555 by changing the saturation by 10% instead.


 15.9384, 11.5361,
6.8555

 15.9384, 11.5361,
6.8555


222.2555,
201.3095, 176.0427


 9.5711, 6.4286,
3.2948


 36.0495, 28.6473,
20.1898


 5.1756, 3.1074,
1.2471

 50.5241, 41.4199,
30.8005


 2.3865, 1.1881,
0.0178

 68.4319, 57.5163,
44.5983

 0.8384, 0.0519,
0.0000

 90.1382, 77.3209,
62.0018

 0.0000, 0.0000,
0.0000

 116.0083,
101.2181, 83.4294

146.4077,

129.5924, 109.2997

181.7016,
162.8280, 140.0313

■ 15.9384, 11.5361,
6.8555

■ 15.9384, 11.5361,
6.8555

■ 14.7201, 9.7407,
4.4726

■ 17.4885, 13.8077,
9.9272

■ 13.8085, 8.3861,
2.7247

■ 19.3914, 16.5841,
13.7344

■ 13.1766, 7.4345,
1.5512

■ 21.6670, 19.8938,
18.3209

■ 12.7913, 6.8413,
0.8761

■ 24.3340, 23.7627,
23.7264

■ 12.6571, 6.6430,
0.6151

■ 27.4095, 28.2150,
29.9882

■ 30.9096, 33.2734,
37.1413

■ 34.8496, 38.9595,
45.2185

■ 39.2442, 45.2937,
54.2513

■ 44.1070, 52.2956,
64.2695

Harmonies

Analogous

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



16.7437, 11.5361, 12.8531



15.9384, 11.5361, 6.8555



13.7527, 11.5361, 3.8755

Triad

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



15.9384, 11.5361, 6.8555



7.2275, 11.5361, 6.5255



10.8638, 11.5361, 32.9309

Complementary

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



15.9384, 11.5361, 6.8555



18.1671, 23.9873, 32.5265

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.



8.5815, 11.5361, 29.1713



15.9384, 11.5361, 6.8555



6.6968, 11.5361, 12.2731

Square

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



15.9384, 11.5361, 6.8555



8.7313, 11.5361, 3.7446



7.1511, 11.5361, 20.7840



13.5498, 11.5361, 29.6828

Rectangle

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



15.9384, 11.5361, 6.8555



11.9587, 11.5361, 3.1141



7.1511, 11.5361, 20.7840



10.0274, 11.5361, 32.4254

Sweetspot

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



15.9387, 11.5367, 6.8557



42.1194, 40.7404, 40.1965



19.9321, 12.7333, 29.1207



9.1359, 8.7411, 8.5057



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



15.9387, 11.5367, 6.8557



25.5033, 16.4875, 6.9758



19.3858, 18.4310, 8.0047



5.8222, 5.8581, 6.0643



10.5046, 5.5237, 0.5125



0.1331, 0.0766, 0.0078

Inverse Universe

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



18.1671, 23.9873, 32.5265



29.8427, 40.8168, 57.2268



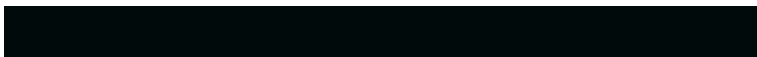
13.0705, 13.7941, 30.8276



5.9401, 6.5142, 7.4140



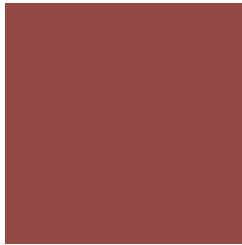
12.6788, 18.0524, 26.7473



0.1612, 0.2330, 0.3294

Previews

White Background



This preview shows how the XYZ color 15.9384, 11.5361, 6.8555 looks on a white background.

Color Contrast Check

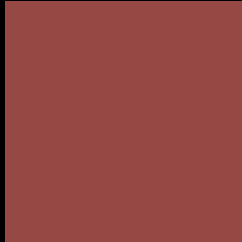
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9384,
11.5361, 6.8555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

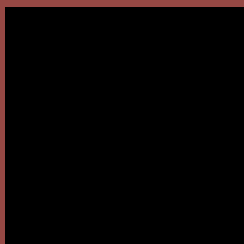
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9384, 11.5361, 6.8555

Background



This preview shows how black text looks on a background with the XYZ color 15.9384, 11.5361, 6.8555.

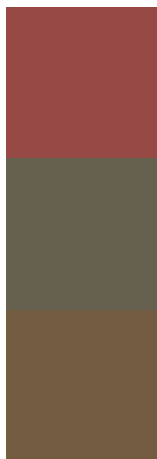


This preview shows how white text looks on a background with the XYZ color 15.9384, 11.5361,

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

15.9384, 11.5361, 6.8555

Protanopia

11.0736, 11.7550, 9.0824

Deuteranopia

11.8515, 11.6808, 6.6310



Tritanopia

16.1354, 11.5123, 8.2091

Trichromacy



Original Color

15.9384, 11.5361, 6.8555

Protanomaly

12.2859, 11.2463, 8.1798

Deuteranomaly

13.1340, 11.4795, 6.6778

Tritanomaly

16.0335, 11.4715, 7.6725

Monochromacy



Original Color

15.9384, 11.5361, 6.8555

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.1181, 11.1171, 10.1015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9384, 11.5361, 6.8555 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(150, 72, 68)` looks like.

```
.text, #text, p{  
    color:rgb(150, 72, 68)  
}
```

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(150, 72, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 72, 68) }
```

Border

The CSS property to change the border of an element to XYZ 15.9384, 11.5361, 6.8555 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(150, 72, 68) }
```


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

```
.border{ border-color:rgb(150, 72, 68) }
```

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

Here you see how a box with a 4 pixel rgb(150, 72, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 72, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 72, 68);  
box-shadow:4px 4px 4px 4px rgb(150, 72,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9384, 11.5361, 6.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 72, 68) }
```

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

```
.background{ background-color: rgb(150, 72,  
68) }
```

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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