

Converting Colors

XYZ(15.4926, 11.3841, 5.2884)

Have a look what the booklet for
XYZ(15.4926, 11.3841, 5.2884)
contains.

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Color

**XYZ(15.4503, 11.3197,
5.2415)**

Conversions

Conversions Part 1

Format	Color
Hex	954839
RGB	149, 72, 57
RGB Percent	58%, 28%, 22%
CMY	0.4157, 0.7176, 0.7765
CMYK	0.00, 0.52, 0.62, 0.42
HSL	10°, 45%, 40%
HSV	10°, 62%, 58%
XYZ	15.4503, 11.3197, 5.2415
YIQ	93.3130, 50.7070, 11.6590

Conversions

Conversions Part 2

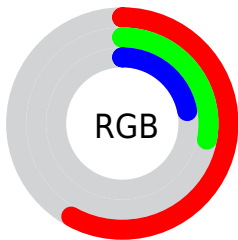
Format	Color
R_{YB}	149, 75, 57
Decimal	9783353
CIE _{Lab}	40.11, 31.01, 23.99
CIE _{LCh}	40, 39.207, 37.731
Yxy	11.3197, 0.4826, 0.3536
Android (android.graphics.Color)	4287973433 (0xFF954839)
YUV	93.3130, -17.9023, 48.8375
Hunter-Lab	33.6448, 23.0922, 14.3146

Details

The XYZ color **15.4503, 11.3197, 5.2415** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **15.6366, 20.0887, 31.4870**, and the grayscale version is **10.5103, 11.0577, 12.0418**.

A 20% lighter version of the original color is **35.1904, 28.1839, 16.6820**, and **4.9201, 3.0121, 0.7375** is the 20% darker color. If you saturate the color by 10%, you get **14.4057, 9.7406, 3.3208**, and if you desaturate by 10%, it is **16.7681, 13.2707, 7.7917**.

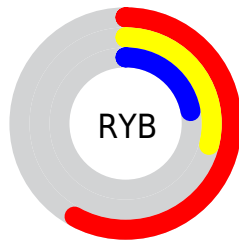
Distribution



Red (58%)

Green (28%)

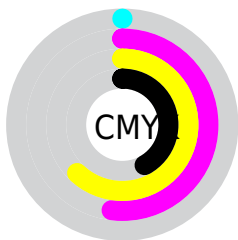
Blue (22%)



Red (58%)

Yellow (29%)

Blue (22%)

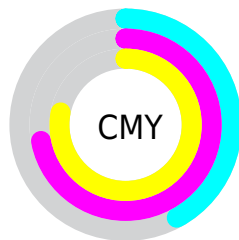


Cyan (0%)

Magenta (52%)

Yellow (62%)

Black (42%)



Cyan (42%)

Magenta (72%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4503, 11.3197, 5.2415 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 15.4503, 11.3197, 5.2415 by changing the saturation by 10% instead.

■ 15.4503, 11.3197,
5.2415

■ 15.4503, 11.3197,
5.2415

219.4106,
199.8479, 161.1606

■ 9.2244, 6.2823,
2.3284

■ 35.2064, 28.2498,
16.7846

■ 4.9461, 3.0175,
0.7471

■ 49.4674, 40.9114,
26.2517

■ 2.2501, 1.1409,
0.0000

■ 67.1374, 56.8831,
38.7406

■ 0.7690, 0.0126,
0.0000

■ 88.5818, 76.5494,
54.6698

■ 0.0000, 0.0000,
0.0000

■ 114.1659,
100.2946, 74.4579

■ 144.2552,

128.5032, 98.5233

179.2150,
161.5595, 127.2847

■ 15.4503, 11.3197,
5.2415

■ 15.4503, 11.3197,
5.2415

■ 14.4057, 9.7406,
3.3208

■ 16.7681, 13.2707,
7.7917

■ 13.6136, 8.5078,
1.9738

■ 18.3761, 15.6136,
11.0194

■ 13.0518, 7.5952,
1.1357

■ 20.2908, 18.3689,
14.9688

■ 12.7272, 7.0552,
0.6910

■ 22.5272, 21.5552,
19.6800

■ 25.0993, 25.1902,
25.1904

■ 28.0203, 29.2902,
31.5345

■ 31.3027, 33.8710,
38.7452

■ 34.9584, 38.9474,
46.8535

■ 38.9985, 44.5339,
55.8886

Harmonies

Analogous

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



16.8210, 11.3197, 10.4174



15.4503, 11.3197, 5.2415



12.8661, 11.3197, 3.0087

Triad

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



15.4503, 11.3197, 5.2415



6.6071, 11.3197, 7.4742



11.4783, 11.3197, 33.9343

Complementary

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



15.4503, 11.3197, 5.2415



15.6366, 20.0887, 31.4870

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.



8.8956, 11.3197, 32.0426



15.4503, 11.3197, 5.2415



6.3626, 11.3197, 14.4528

Square

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



15.4503, 11.3197, 5.2415



7.8643, 11.3197, 3.8667



7.1288, 11.3197, 23.9571



14.2890, 11.3197, 28.3806

Rectangle

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



15.4503, 11.3197, 5.2415



10.9675, 11.3197, 2.5971



7.1288, 11.3197, 23.9571



10.5532, 11.3197, 34.1793

Sweetspot

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



15.4506, 11.3203, 5.2417



41.3750, 40.0649, 37.4410



18.2448, 11.0708, 24.1707



8.9179, 8.5227, 7.7624



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.



15.4506, 11.3203, 5.2417



25.2149, 16.5444, 4.9261



19.4709, 19.3610, 6.5818



5.8727, 5.9592, 6.0812



10.7274, 5.9692, 0.5868



0.1457, 0.1019, 0.0120

Inverse Universe

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



15.6366, 20.0887, 31.4870



25.5016, 33.4778, 56.0390



10.7012, 10.2179, 29.8418



5.8844, 6.4029, 7.3955



10.7242, 14.1431, 26.0957



0.1485, 0.2077, 0.3252

Previews

White Background



This preview shows how the XYZ color 15.4503, 11.3197, 5.2415 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 15.4503, 11.3197, 5.2415 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 15.4503, 11.3197, 5.2415

Background



This preview shows how black text looks on a background with the XYZ color 15.4503, 11.3197, 5.2415.



This preview shows how white text looks on a background with the XYZ color 15.4503, 11.3197,

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

15.4503, 11.3197, 5.2415

Protanopia

10.6691, 11.4613, 6.8042

Deuteranopia

11.5861, 11.4522, 4.9680



Tritanopia

16.0039, 11.3588, 7.8275

Trichromacy



Original Color

15.4503, 11.3197, 5.2415

Protanomaly

12.0511, 11.1683, 6.2232

Deuteranomaly

12.7383, 11.1962, 4.9797

Tritanomaly

15.8743, 11.4079, 6.8341

Monochromacy



Original Color

15.4503, 11.3197, 5.2415

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.5065, 10.5869, 9.0264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4503, 11.3197, 5.2415 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(149, 72, 57)` looks like.

```
.text, #text, p{  
    color:rgb(149, 72, 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(149, 72, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 72, 57) }
```

Border

The CSS property to change the border of an element to XYZ 15.4503, 11.3197, 5.2415 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(149, 72, 57) }
```


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

```
.border{ border-color:rgb(149, 72, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 72, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 72, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 72, 57);  
box-shadow:4px 4px 4px 4px rgb(149, 72,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4503, 11.3197, 5.2415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 72, 57) }
```

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

```
.background{ background-color: rgb(149, 72,  
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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