

Converting Colors

XYZ(15.5331, 10.2516, 8.1812)

Have a look what the booklet for
XYZ(15.5331, 10.2516, 8.1812)
contains.

XYZ(15.5331, 10.2516, 8.1812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.5331, 10.2516,
8.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	963C4D
RGB	150, 60, 77
RGB Percent	59%, 24%, 30%
CMY	0.4118, 0.7647, 0.6980
CMYK	0.00, 0.60, 0.49, 0.41
HSL	349°, 43%, 41%
HSV	349°, 60%, 59%
XYZ	15.5331, 10.2516, 8.1812
YIQ	88.8480, 48.1830, 24.3670

Conversions

Conversions Part 2

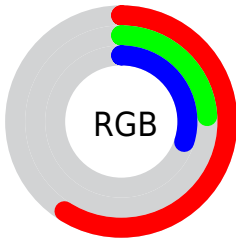
Format	Color
R_{YB}	150, 60, 77
Decimal	9845837
CIE _{Lab}	38.29, 39.36, 9.21
CIE _{LCh}	38, 40.419, 13.170
Yxy	10.2516, 0.4573, 0.3018
Android (android.graphics.Color)	4288035917 (0xFF963C4D)
YUV	88.8480, -5.8411, 53.6303
Hunter-Lab	32.0181, 30.5648, 7.2630

Details

The XYZ color **15.5331, 10.2516, 8.1812** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **17.0041, 24.4671, 26.0186**, and the grayscale version is **9.4674, 9.9604, 10.8469**.

A 20% lighter version of the original color is **35.4628, 26.2851, 22.9431**, and **5.0264, 2.6078, 1.6773** is the 20% darker color. If you saturate the color by 10%, you get **14.4655, 8.7409, 5.9004**, and if you desaturate by 10%, it is **16.9043, 12.2410, 10.9599**.

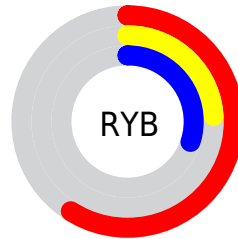
Distribution



Red (59%)

Green (24%)

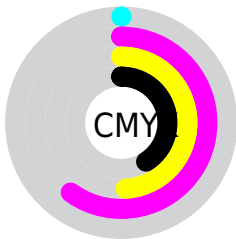
Blue (30%)



Red (59%)

Yellow (24%)

Blue (30%)

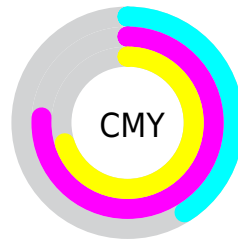


Cyan (0%)

Magenta (60%)

Yellow (49%)

Black (41%)



Cyan (41%)


Magenta (76%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.5331, 10.2516, 8.1812 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 15.5331, 10.2516, 8.1812 by changing the saturation by 10% instead.


 15.5331, 10.2516,
8.1812


 15.5331, 10.2516,
8.1812


219.8956,
192.4585, 187.1338


 9.2831, 5.5661,
4.1217


 35.3498, 26.2677,
22.8649


 4.9849, 2.5831,
1.6923

 49.6471, 38.3670,
34.3262


 2.2731, 0.9182,
0.3555

 67.3577, 53.7065,
49.0918

 0.7808, 0.0000,
0.0000

 88.8468, 72.6703,
67.5803

 0.0000, 0.0000,
0.0000

 114.4798, 95.6431,
90.2102

 144.6220,

123.0091, 117.4000

179.6388,
155.1528, 149.5684

■ 15.5331, 10.2516,
8.1812

■ 15.5331, 10.2516,
8.1812

■ 14.4655, 8.7409,
5.9004

■ 16.9043, 12.2410,
10.9599

■ 13.6770, 7.6668,
4.0869

■ 18.5997, 14.7435,
14.2636

■ 13.1401, 6.9824,
2.7074

■ 20.6388, 17.7919,
18.1179

■ 12.7913, 6.5696,
1.7133

■ 23.0394, 21.4161,
22.5465

■ 12.7912, 6.5694,
1.7130

■ 25.8181, 25.6438,
27.5720

■ 28.9903, 30.5006,
33.2153

■ 32.5707, 36.0110,
39.4967

■ 36.5731, 42.1980,
46.4354

■ 41.0109, 49.0835,
54.0498

Harmonies

Analogous

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



15.4195, 10.2516, 15.8940



15.5331, 10.2516, 8.1812



13.9095, 10.2516, 3.9042

Triad

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



15.5331, 10.2516, 8.1812



6.6817, 10.2516, 3.5889



8.3539, 10.2516, 31.5111

Complementary

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



15.5331, 10.2516, 8.1812



17.0041, 24.4671, 26.0186

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.



6.5059, 10.2516, 24.2655



15.5331, 10.2516, 8.1812



5.6661, 10.2516, 7.4773

Square

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



15.5331, 10.2516, 8.1812



8.6382, 10.2516, 2.1729



5.6082, 10.2516, 14.7916



10.9401, 10.2516, 31.9909

Rectangle

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



15.5331, 10.2516, 8.1812



12.2049, 10.2516, 2.5924



5.6082, 10.2516, 14.7916



7.6381, 10.2516, 29.6758

Sweetspot

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



15.5334, 10.2522, 8.1814



41.4180, 38.9453, 41.1723



16.6370, 10.3399, 29.9730



8.9084, 8.2208, 8.6309



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.



15.5334, 10.2522, 8.1814



24.9991, 14.6942, 9.2276



16.8019, 13.6273, 6.0205



5.8429, 5.8322, 6.2789



10.6182, 5.4523, 1.4702



0.1382, 0.0700, 0.0615

Inverse Universe

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



15.5334, 10.2522, 8.1814



24.9991, 14.6942, 9.2276



14.4520, 17.3291, 31.4373



5.8429, 5.8322, 6.2789



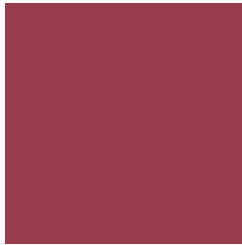
10.6182, 5.4523, 1.4702



0.1382, 0.0700, 0.0615

Previews

White Background



This preview shows how the XYZ color 15.5331, 10.2516, 8.1812 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

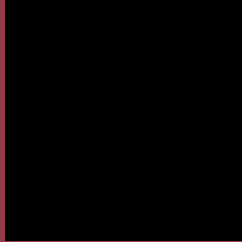
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5331, 10.2516, 8.1812

Background



This preview shows how black text looks on a background with the XYZ color 15.5331, 10.2516, 8.1812.



This preview shows how white text looks on a background with the XYZ color 15.5331, 10.2516,

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

15.5331, 10.2516, 8.1812

Protanopia

10.0456, 10.3780, 11.8296

Deuteranopia

10.5547, 10.3616, 7.7470



Tritanopia

15.1004, 10.2282, 6.3326

Trichromacy



Original Color

15.5331, 10.2516, 8.1812

Protanomaly

11.3263, 9.7908, 10.3097

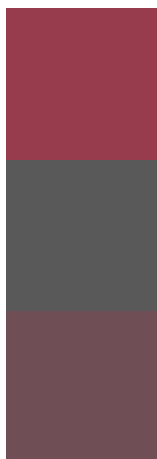
Deuteranomaly

11.9159, 9.9397, 7.7691

Tritanomaly

15.1687, 10.1692, 6.9577

Monochromacy



Original Color

15.5331, 10.2516, 8.1812

Achromatopsia

9.4954, 9.9899, 10.8790

Achromatomaly

10.9196, 9.4842, 9.8494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5331, 10.2516, 8.1812 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, 60, 77)` looks like.

```
.text, #text, p{  
    color:rgb(150, 60, 77)  
}
```

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, 60, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 60, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.5331, 10.2516, 8.1812 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, 60, 77) }
```


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

```
.border{ border-color:rgb(150, 60, 77) }
```

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

Here you see how a box with a 4 pixel rgb(150, 60, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 60, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 60, 77);  
box-shadow:4px 4px 4px 4px rgb(150, 60,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5331, 10.2516, 8.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 60, 77) }
```

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

```
.background{ background-color: rgb(150, 60,  
77) }
```

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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