

Converting Colors

XYZ(16.0164, 13.4979, 8.7492)

Have a look what the booklet for
XYZ(16.0164, 13.4979, 8.7492)
contains.

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Color

**XYZ(15.9802, 13.5109,
8.7868)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5A4D
RGB	141, 90, 77
RGB Percent	55%, 35%, 30%
CMY	0.4471, 0.6470, 0.6980
CMYK	0.00, 0.36, 0.45, 0.45
HSL	12°, 29%, 43%
HSV	12°, 45%, 55%
XYZ	15.9802, 13.5109, 8.7868
YIQ	103.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

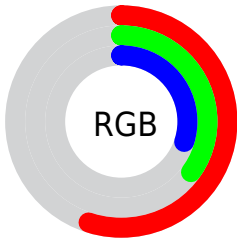
Format	Color
R_{YB}	141, 93, 77
Decimal	9263693
CIE _{Lab}	43.52, 19.40, 16.20
CIE _{LCh}	44, 25.272, 39.864
Yxy	13.5109, 0.4175, 0.3530
Android (android.graphics.Color)	4287453773 (0xFF8D5A4D)
YUV	103.7670, -13.1961, 32.6533
Hunter-Lab	36.7572, 13.2779, 11.5568

Details

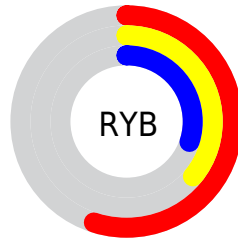
The XYZ color **15.9802, 13.5109, 8.7868** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.5870, 18.9382, 28.0331**, and the grayscale version is **13.1238, 13.8073, 15.0361**.

A 20% lighter version of the original color is **36.3167, 32.4264, 24.0835**, and **5.1629, 3.9123, 1.9219** is the 20% darker color. If you saturate the color by 10%, you get **14.6582, 11.5792, 6.1505**, and if you desaturate by 10%, it is **17.5541, 15.7737, 12.0398**.

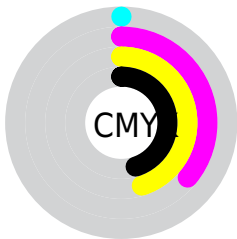
Distribution



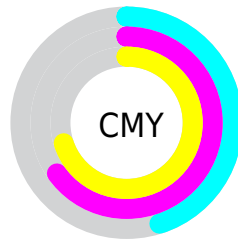
- Red (55%)
- Green (35%)
- Blue (30%)



- Red (55%)
- Yellow (36%)
- Blue (30%)



- Cyan (0%)
- Magenta (36%)
- Yellow (45%)
- Black (45%)





- Cyan (45%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.9802, 13.5109, 8.7868 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 15.9802, 13.5109, 8.7868 by changing the saturation by 10% instead.


 15.9802, 13.5109,
8.7868

 15.9802, 13.5109,
8.7868


222.4975,
214.1665, 191.9385


 9.6009, 7.7813,
4.5075


 36.1216, 32.2186,
24.0582


 5.1954, 3.9553,
1.9077

 50.6143, 45.9655,
35.8873


 2.3983, 1.6486,
0.4976

 68.5423, 63.1537,
51.0702

 0.8443, 0.3900,
0.0000

 90.2708, 84.1674,
70.0252

 0.0000, 0.0000,
0.0000

 116.1652,
109.3912, 93.1710

146.5909,

139.2094, 120.9262

181.9132,
174.0063, 153.7092

■ 15.9802, 13.5109,
8.7868

■ 15.9802, 13.5109,
8.7868

■ 14.6582, 11.5792,
6.1505

■ 17.5541, 15.7737,
12.0398

■ 13.5737, 9.9609,
4.0910

■ 19.3912, 18.3801,
15.9444

■ 12.7121, 8.6397,
2.5646

■ 21.5036, 21.3444,
20.5341

■ 12.0569, 7.5970,
1.5211

■ 23.9021, 24.6797,
25.8396

■ 11.5872, 6.8112,
0.8907

■ 26.5969, 28.3982,
31.8898

■ 11.4152, 6.5243,
0.6577

■ 29.5978, 32.5117,
38.7120

■ 32.9142, 37.0313,
46.3321

■ 36.5549, 41.9678,
54.7749

■ 40.5286, 47.3315,
64.0640

Harmonies

Analogous

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



16.9549, 13.5109, 12.9268



15.9802, 13.5109, 8.7868



14.1928, 13.5109, 6.6848

Triad

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



15.9802, 13.5109, 8.7868



9.5982, 13.5109, 11.2780



13.5028, 13.5109, 28.2260

Complementary

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



15.9802, 13.5109, 8.7868



15.5870, 18.9382, 28.0331

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.



11.5792, 13.5109, 27.4555



15.9802, 13.5109, 8.7868



9.4541, 13.5109, 16.6525

Square

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



15.9802, 13.5109, 8.7868



10.5597, 13.5109, 7.8466



10.1436, 13.5109, 22.8343



15.4308, 13.5109, 24.7290

Rectangle

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



15.9802, 13.5109, 8.7868



12.8507, 13.5109, 6.2998



10.1436, 13.5109, 22.8343



12.8327, 13.5109, 28.4748

Sweetspot

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



15.9805, 13.5116, 8.7871



38.9523, 38.8426, 37.7452



17.5478, 12.5343, 21.9856



8.5273, 8.4343, 8.0514



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.



15.9805, 13.5116, 8.7871



26.3006, 20.8102, 11.1120



19.2590, 20.0685, 9.8799



5.4922, 5.5906, 5.6790



10.4184, 5.9685, 0.6029



0.1126, 0.0831, 0.0101

Inverse Universe

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



15.5870, 18.9382, 28.0331



25.4852, 31.7064, 49.9046



12.0695, 11.9033, 26.8606



5.4685, 5.9328, 6.8857



9.7137, 12.4133, 24.8611



0.1081, 0.1491, 0.2428

Previews

White Background



This preview shows how the XYZ color 15.9802, 13.5109, 8.7868 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 15.9802, 13.5109, 8.7868 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 15.9802, 13.5109, 8.7868

Background



This preview shows how black text looks on a background with the XYZ color 15.9802, 13.5109, 8.7868.



This preview shows how white text looks on a background with the XYZ color 15.9802, 13.5109,

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

15.9802, 13.5109, 8.7868

Protanopia

12.8420, 13.6400, 10.1396

Deuteranopia

13.7579, 13.5693, 8.5506



Tritanopia

16.6654, 13.5384, 12.3245

Trichromacy



Original Color

15.9802, 13.5109, 8.7868

Protanomaly

13.7380, 13.3944, 9.6459

Deuteranomaly

14.5406, 13.5547, 8.6874

Tritanomaly

16.4892, 13.6001, 10.9885

Monochromacy



Original Color

15.9802, 13.5109, 8.7868

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.8183, 13.5137, 12.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9802, 13.5109, 8.7868 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(141, 90, 77)` looks like.

```
.text, #text, p{  
    color:rgb(141, 90, 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(141, 90, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 90, 77) }
```

Border

The CSS property to change the border of an element to XYZ 15.9802, 13.5109, 8.7868 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(141, 90, 77) }
```


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

```
.border{ border-color:rgb(141, 90, 77) }
```

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

Here you see how a box with a 4 pixel rgb(141, 90, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 90, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 90, 77);  
box-shadow:4px 4px 4px 4px rgb(141, 90,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9802, 13.5109, 8.7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 90, 77) }
```

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

```
.background{ background-color: rgb(141, 90,  
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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