

Converting Colors

XYZ(15.7427, 14.3992, 8.1442)

Have a look what the booklet for
XYZ(15.7427, 14.3992, 8.1442)
contains.

XYZ(15.8539, 14.5216, 8.0983)	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(15.8539, 14.5216,
8.0983)**

Conversions

Conversions Part 1

Format	Color
Hex	896248
RGB	137, 98, 72
RGB Percent	54%, 38%, 28%
CMY	0.4627, 0.6157, 0.7176
CMYK	0.00, 0.28, 0.47, 0.46
HSL	24°, 31%, 41%
HSV	24°, 47%, 54%
XYZ	15.8539, 14.5216, 8.0983
YIQ	106.6970, 31.5900, 0.1820

Conversions

Conversions Part 2

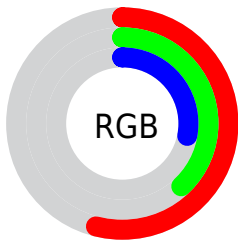
Format	Color
R_{YB}	137, 115, 72
Decimal	9003592
CIE Lab	44.97, 12.42, 21.02
CIE LCh	45, 24.413, 59.408
Yxy	14.5216, 0.4121, 0.3774
Android (android.graphics.Color)	4287193672 (0xFF896248)
YUV	106.6970, -17.1056, 26.5757
Hunter-Lab	38.1072, 7.5744, 14.0751

Details

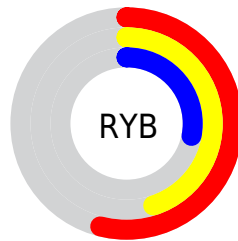
The XYZ color **15.8539, 14.5216, 8.0983** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.8721, 14.5522, 25.7972**, and the grayscale version is **13.9313, 14.6568, 15.9612**.

A 20% lighter version of the original color is **35.9369, 34.0818, 22.7735**, and **5.1397, 4.3828, 1.6737** is the 20% darker color. If you saturate the color by 10%, you get **14.7259, 12.9029, 5.7577**, and if you desaturate by 10%, it is **17.1612, 16.3395, 10.9905**.

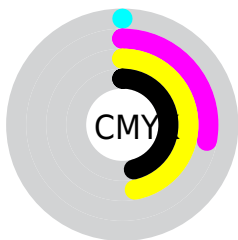
Distribution



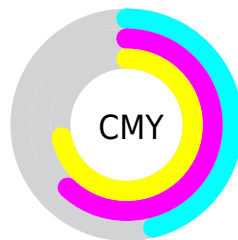
- Red (54%)
- Green (38%)
- Blue (28%)



- Red (54%)
- Yellow (45%)
- Blue (28%)



- Cyan (0%)
- Magenta (28%)
- Yellow (47%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8539, 14.5216, 8.0983 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 15.8539, 14.5216, 8.0983 by changing the saturation by 10% instead.

■ 15.8539, 14.5216,
8.0983

■ 15.8539, 14.5216,
8.0983

221.7654,
220.4520, 186.4643

■ 9.5110, 8.4843,
4.0692

■ 35.9039, 34.0117,
22.7003

■ 5.1357, 4.4064,
1.6634

■ 50.3417, 48.2333,
34.1103

■ 2.3627, 1.9034,
0.3355

■ 68.2085, 65.9519,
48.8176

■ 0.8265, 0.5504,
0.0000

■ 89.8697, 87.5517,
67.2410

■ 0.0000, 0.0000,
0.0000

■ 115.6907,
113.4173, 89.7987

146.0367,

143.9329, 116.9095

181.2732,
179.4830, 148.9919

■ 15.8539, 14.5216,
8.0983

■ 15.8539, 14.5216,
8.0983

■ 14.7259, 12.9029,
5.7577

■ 17.1612, 16.3395,
10.9905

■ 13.7671, 11.4739,
3.9317

■ 18.6552, 18.3616,
14.4661

■ 12.9678, 10.2274,
2.5801

■ 20.3439, 20.5950,
18.5557

■ 12.3168, 9.1546,
1.6565

■ 22.2346, 23.0461,
23.2873

■ 11.7942, 8.2431,
1.0700

■ 24.3343, 25.7210,
28.6872

■ 11.6735, 8.0324,
0.9351

■ 26.6495, 28.6252,
34.7804

■ 29.1864, 31.7644,
41.5904

■ 31.9511, 35.1438,
49.1396

■ 34.9492, 38.7687,
57.4495

Harmonies

Analogous

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



17.4316, 14.5216, 10.9959



15.8539, 14.5216, 8.0983



13.8422, 14.5216, 7.1562

Triad

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



15.8539, 14.5216, 8.0983



10.3023, 14.5216, 15.6979



15.7785, 14.5216, 27.4804

Complementary

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



15.8539, 14.5216, 8.0983



12.8721, 14.5522, 25.7972

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.



13.7626, 14.5216, 29.5828



15.8539, 14.5216, 8.0983



10.7154, 14.5216, 21.8608

Square

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



15.8539, 14.5216, 8.0983



10.7490, 14.5216, 10.8418



11.9359, 14.5216, 27.3161



17.3852, 14.5216, 22.1065

Rectangle

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



15.8539, 14.5216, 8.0983



12.5633, 14.5216, 7.5312



11.9359, 14.5216, 27.3161



15.1203, 14.5216, 28.6434

Sweetspot

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



15.8543, 14.5223, 8.0986



37.4545, 38.2159, 35.7607



15.5032, 11.1009, 16.3646



8.2620, 8.3906, 7.6764



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.



15.8543, 14.5223, 8.0986



26.2207, 22.8861, 10.0114



19.5355, 21.8848, 9.3257



5.1864, 5.3556, 5.3128



10.8850, 7.5045, 0.8748



0.0860, 0.0772, 0.0104

Inverse Universe

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



12.8721, 14.5522, 25.7972



20.1864, 22.9209, 45.7434



9.9481, 8.7042, 24.8226



5.0077, 5.3584, 6.3762



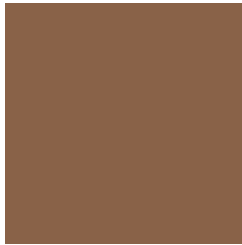
7.0421, 7.3546, 23.0941



0.0612, 0.0776, 0.1582

Previews

White Background



This preview shows how the XYZ color 15.8539, 14.5216, 8.0983 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 15.8539, 14.5216, 8.0983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

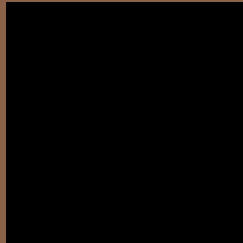
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8539, 14.5216, 8.0983

Background



This preview shows how black text looks on a background with the XYZ color 15.8539, 14.5216, 8.0983.



This preview shows how white text looks on a background with the XYZ color 15.8539, 14.5216,

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

15.8539, 14.5216, 8.0983

Protanopia

13.6324, 14.6820, 8.9529

Deuteranopia

14.7908, 14.5469, 7.9895



Tritanopia

17.1669, 14.5204, 14.2099

Trichromacy



Original Color

15.8539, 14.5216, 8.0983

Protanomaly

14.3887, 14.6196, 8.7201

Deuteranomaly

15.1511, 14.5876, 7.9784

Tritanomaly

16.5851, 14.4116, 11.5804

Monochromacy



Original Color

15.8539, 14.5216, 8.0983

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.4419, 14.5603, 12.6389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8539, 14.5216, 8.0983 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(137, 98, 72)` looks like.

```
.text, #text, p{  
    color:rgb(137, 98, 72)  
}
```

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(137, 98, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 98, 72) }
```

Border

The CSS property to change the border of an element to XYZ 15.8539, 14.5216, 8.0983 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(137, 98, 72) }
```


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

```
.border{ border-color:rgb(137, 98, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 98, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 98, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 98, 72);  
box-shadow:4px 4px 4px 4px rgb(137, 98,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8539, 14.5216, 8.0983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 98, 72) }
```

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

```
.background{ background-color: rgb(137, 98,  
72) }
```

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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