

Converting Colors

XYZ(15.7860, 13.2465, 9.6276)

Have a look what the booklet for
XYZ(15.7860, 13.2465, 9.6276)
contains.

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Color

**XYZ(15.7428, 13.2429,
9.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	8B5952
RGB	139, 89, 82
RGB Percent	55%, 35%, 32%
CMY	0.4549, 0.6510, 0.6784
CMYK	0.00, 0.36, 0.41, 0.45
HSL	7°, 26%, 43%
HSV	7°, 41%, 55%
XYZ	15.7428, 13.2429, 9.7090
YIQ	103.1520, 32.0470, 8.4230

Conversions

Conversions Part 2

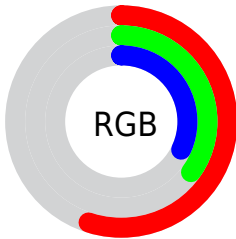
Format	Color
R_{YB}	139, 90, 82
Decimal	9132370
CIE Lab	43.13, 19.73, 12.59
CIE LCh	43, 23.407, 32.543
Yxy	13.2429, 0.4068, 0.3422
Android (android.graphics.Color)	4287322450 (0xFF8B5952)
YUV	103.1520, -10.4279, 31.4387
Hunter-Lab	36.3908, 13.5359, 9.6551

Details

The XYZ color **15.7428, 13.2429, 9.7090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.3907, 20.1595, 27.4533**, and the grayscale version is **12.9534, 13.6280, 14.8409**.

A 20% lighter version of the original color is **35.5775, 31.5733, 25.6918**, and **5.1283, 3.8876, 2.2303** is the 20% darker color. If you saturate the color by 10%, you get **14.3346, 11.1890, 6.8891**, and if you desaturate by 10%, it is **17.4269, 15.6771, 13.1498**.

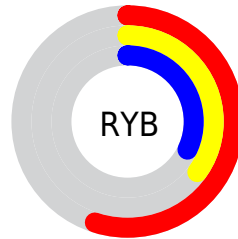
Distribution



Red (55%)

Green (35%)

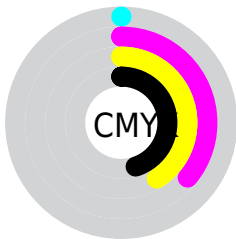
Blue (32%)



Red (55%)

Yellow (35%)

Blue (32%)

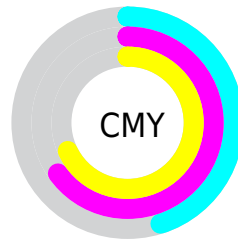


Cyan (0%)

Magenta (36%)

Yellow (41%)

Black (45%)



Cyan (45%)


Magenta (65%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.7428, 13.2429, 9.7090 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 15.7428, 13.2429, 9.7090 by changing the saturation by 10% instead.


 15.7428, 13.2429,
9.7090


 15.7428, 13.2429,
9.7090


221.1196,
212.4686, 198.9911


 9.4320, 7.5960,
5.1034


 35.7122, 31.7395,
25.8459

 5.0834, 3.8376,
2.2482

 50.1015, 45.3580,
38.2143


 2.3315, 1.5831,
0.7020

 67.9144, 62.4025,
54.0073

 0.8107, 0.3462,
0.0000

 89.5162, 83.2573,
73.6435

 0.0000, 0.0000,
0.0000

 115.2722,
108.3070, 97.5414

145.5479,

137.9358, 126.1197

180.7086,
172.5282, 159.7967

■ 15.7428, 13.2429,
9.7090

■ 15.7428, 13.2429,
9.7090

■ 14.3346, 11.1890,
6.8891

■ 17.4269, 15.6771,
13.1498

■ 13.1865, 9.4942,
4.6523

■ 19.3996, 18.5074,
17.2448

■ 12.2827, 8.1385,
2.9579

■ 21.6739, 21.7512,
22.0257

■ 11.6051, 7.0988,
1.7595

■ 24.2619, 25.4241,
27.5220

■ 11.1332, 6.3493,
1.0029

■ 27.1748, 29.5410,
33.7614

■ 10.8491, 5.8923,
0.5655

■ 30.4234, 34.1161,
40.7703

■ 34.0181, 39.1629,
48.5736

■ 37.9686, 44.6944,
57.1951

■ 42.2843, 50.7230,
66.6578

Harmonies

Analogous

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



16.3794, 13.2429, 13.9830



15.7428, 13.2429, 9.7090



14.2548, 13.2429, 7.2794

Triad

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



15.7428, 13.2429, 9.7090



9.7535, 13.2429, 10.3073



12.7415, 13.2429, 26.7922

Complementary

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



15.7428, 13.2429, 9.7090



16.3907, 20.1595, 27.4533

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.



11.0546, 13.2429, 25.1507



15.7428, 13.2429, 9.7090



9.4304, 13.2429, 14.8645

Square

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



15.7428, 13.2429, 9.7090



10.8120, 13.2429, 7.5624



9.8839, 13.2429, 20.4494



14.5463, 13.2429, 24.5176

Rectangle

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



15.7428, 13.2429, 9.7090



13.0425, 13.2429, 6.6428



9.8839, 13.2429, 20.4494



12.1422, 13.2429, 26.6802

Sweetspot

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



15.7431, 13.2435, 9.7093



38.2731, 38.1826, 38.3013



17.8536, 13.1992, 23.5623



8.7105, 8.6436, 8.5965



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.



15.7431, 13.2435, 9.7093



25.8880, 20.3558, 12.7669



18.5492, 18.8557, 10.6446



5.0792, 5.1413, 5.2771



9.7995, 5.3333, 0.5129



0.0706, 0.0465, 0.0053

Inverse Universe

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



16.3907, 20.1595, 27.4533



27.1957, 34.4366, 48.9565



13.0752, 13.5285, 26.3482



5.1213, 5.5855, 6.4140



10.4870, 14.2443, 24.2424



0.0765, 0.1083, 0.1633

Previews

White Background



This preview shows how the XYZ color 15.7428, 13.2429, 9.7090 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 15.7428, 13.2429, 9.7090 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 15.7428, 13.2429, 9.7090

Background



This preview shows how black text looks on a background with the XYZ color 15.7428, 13.2429, 9.7090.



This preview shows how white text looks on a background with the XYZ color 15.7428, 13.2429,

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

15.7428, 13.2429, 9.7090

Protanopia

12.5762, 13.3331, 11.1432

Deuteranopia

13.5614, 13.3076, 9.4433



Tritanopia

16.2438, 13.2000, 12.2814

Trichromacy



Original Color

15.7428, 13.2429, 9.7090

Protanomaly

13.5622, 13.1432, 10.6262

Deuteranomaly

14.3298, 13.2905, 9.5946

Tritanomaly

16.1504, 13.2931, 11.3875

Monochromacy



Original Color

15.7428, 13.2429, 9.7090

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.6357, 13.2746, 12.6700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7428, 13.2429, 9.7090 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(139, 89, 82)` looks like.

```
.text, #text, p{  
    color:rgb(139, 89, 82)  
}
```

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(139, 89, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 89, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.7428, 13.2429, 9.7090 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(139, 89, 82) }
```


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

```
.border{ border-color:rgb(139, 89, 82) }
```

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

Here you see how a box with a 4 pixel rgb(139, 89, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 89, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 89, 82);  
box-shadow:4px 4px 4px 4px rgb(139, 89,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7428, 13.2429, 9.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 89, 82) }
```

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

```
.background{ background-color: rgb(139, 89,  
82) }
```

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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