

Converting Colors

XYZ(15.7028, 12.7572, 9.3221)

Have a look what the booklet for
XYZ(15.7028, 12.7572, 9.3221)
contains.

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Color

**XYZ(15.7182, 12.7538,
9.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5551
RGB	141, 85, 81
RGB Percent	55%, 33%, 32%
CMY	0.4471, 0.6667, 0.6823
CMYK	0.00, 0.40, 0.43, 0.45
HSL	4°, 27%, 44%
HSV	4°, 43%, 55%
XYZ	15.7182, 12.7538, 9.4179
YIQ	101.2880, 34.6600, 10.6280

Conversions

Conversions Part 2

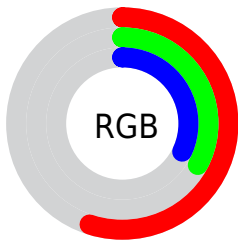
Format	Color
R _Y B	141, 85, 81
Decimal	9262417
CIE Lab	42.39, 22.77, 12.22
CIE LCh	42, 25.840, 28.231
Yxy	12.7538, 0.4148, 0.3366
Android (android.graphics.Color)	4287452497 (0xFF8D5551)
YUV	101.2880, -10.0020, 34.8274
Hunter-Lab	35.7125, 16.0668, 9.3631

Details

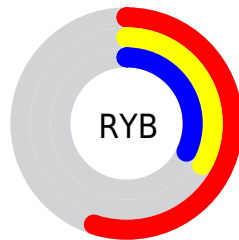
The XYZ color **15.7182, 12.7538, 9.4179** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1463, 21.5628, 28.4576**, and the grayscale version is **12.4632, 13.1123, 14.2793**.

A 20% lighter version of the original color is **35.7192, 30.8100, 25.1834**, and **5.0361, 3.5883, 2.0962** is the 20% darker color. If you saturate the color by 10%, you get **14.3020, 10.6815, 6.6025**, and if you desaturate by 10%, it is **17.4376, 15.2567, 12.8763**.

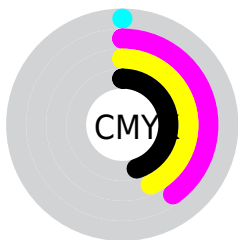
Distribution



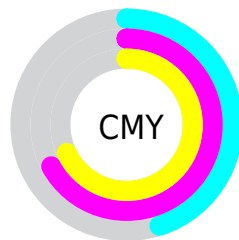
- Red (55%)
- Green (33%)
- Blue (32%)



- Red (55%)
- Yellow (33%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (43%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7182, 12.7538, 9.4179 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 15.7182, 12.7538, 9.4179 by changing the saturation by 10% instead.

■ 15.7182, 12.7538,
9.4179

■ 15.7182, 12.7538,
9.4179

220.9763,
209.3337, 196.7969

■ 9.4145, 7.2592,
4.9142

■ 35.6697, 30.8608,
25.2852

■ 5.0718, 3.6247,
2.1392

■ 50.0483, 44.2419,
37.4859

■ 2.3247, 1.4659,
0.6389

■ 67.8492, 61.0208,
53.0893

■ 0.8072, 0.2646,
0.0000

■ 89.4378, 81.5817,
72.5141

■ 0.0000, 0.0000,
0.0000

■ 115.1794,
106.3090, 96.1787

145.4395,

135.5872, 124.5017

180.5834,
169.8007, 157.9016

■ 15.7182, 12.7538,
9.4179

■ 15.7182, 12.7538,
9.4179

■ 14.3020, 10.6815,
6.6025

■ 17.4376, 15.2567,
12.8763

■ 13.1704, 9.0136,
4.3898

■ 19.4753, 18.2105,
17.0133

■ 12.3043, 7.7244,
2.7360

■ 21.8467, 21.6367,
21.8626

■ 11.6821, 6.7841,
1.5910

■ 24.5657, 25.5545,
27.4557

■ 11.2784, 6.1585,
0.8959

■ 27.6456, 29.9823,
33.8219

■ 11.0866, 5.8669,
0.5481

■ 31.0990, 34.9376,
40.9892

■ 34.9378, 40.4370,
48.9840

■ 39.1734, 46.4962,
57.8317

■ 43.8167, 53.1305,
67.5563

Harmonies

Analogous

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



16.2501, 12.7538, 14.2194



15.7182, 12.7538, 9.4179



14.1961, 12.7538, 6.6353

Triad

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



15.7182, 12.7538, 9.4179



9.2168, 12.7538, 8.9834



12.0072, 12.7538, 27.5511

Complementary

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



15.7182, 12.7538, 9.4179



17.1463, 21.5628, 28.4576

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.



10.2607, 12.7538, 25.1058



15.7182, 12.7538, 9.4179



8.7601, 12.7538, 13.5592

Square

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



15.7182, 12.7538, 9.4179



10.4404, 12.7538, 6.4355



9.1211, 12.7538, 19.5838



13.9754, 12.7538, 25.5989

Rectangle

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



15.7182, 12.7538, 9.4179



12.8997, 12.7538, 5.8286



9.1211, 12.7538, 19.5838



11.3764, 12.7538, 27.2057

Sweetspot

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



15.7185, 12.7544, 9.4181



38.7949, 38.2730, 38.4776



18.4423, 13.3538, 25.2724



8.4681, 8.2643, 8.1908



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.



15.7185, 12.7544, 9.4181



25.7176, 19.2830, 12.0313



18.6005, 18.5183, 10.3788



5.4360, 5.4783, 5.6603



10.1137, 5.3591, 0.5014



0.1013, 0.0604, 0.0063

Inverse Universe

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



17.1463, 21.5628, 28.4576



28.6147, 37.1995, 50.7999



13.4589, 14.1879, 27.2284



5.5299, 6.0556, 6.9062



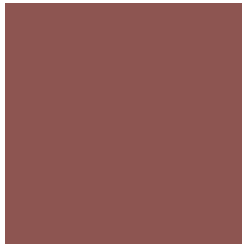
11.8616, 16.7092, 25.5771



0.1194, 0.1718, 0.2465

Previews

White Background



This preview shows how the XYZ color 15.7182, 12.7538, 9.4179 looks on a white background.

Color Contrast Check

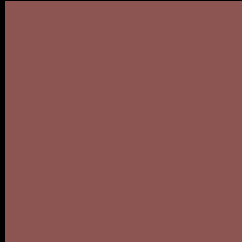
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7182, 12.7538, 9.4179 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 15.7182, 12.7538, 9.4179

Background



This preview shows how black text looks on a background with the XYZ color 15.7182, 12.7538, 9.4179.



This preview shows how white text looks on a background with the XYZ color 15.7182, 12.7538,

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

15.7182, 12.7538, 9.4179

Protanopia

12.1443, 12.8222, 11.0674

Deuteranopia

12.9303, 12.7122, 9.1693



Tritanopia

16.1711, 12.8296, 11.2969

Trichromacy



Original Color

15.7182, 12.7538, 9.4179

Protanomaly

13.2031, 12.6918, 10.3482

Deuteranomaly

13.8793, 12.6691, 9.3033

Tritanomaly

16.0460, 12.7796, 10.6378

Monochromacy



Original Color

15.7182, 12.7538, 9.4179

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.3150, 12.7056, 12.3403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7182, 12.7538, 9.4179 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, 85, 81)` looks like.

```
.text, #text, p{  
    color:rgb(141, 85, 81)  
}
```

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, 85, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 85, 81) }
```

Border

The CSS property to change the border of an element to XYZ 15.7182, 12.7538, 9.4179 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, 85, 81) }
```


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

```
.border{ border-color:rgb(141, 85, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 85, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 85, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 85, 81);  
box-shadow:4px 4px 4px 4px rgb(141, 85,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7182, 12.7538, 9.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 85, 81) }
```

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

```
.background{ background-color: rgb(141, 85,  
81) }
```

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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