

Converting Colors

XYZ(15.9173, 12.6888, 11.7355)

Have a look what the booklet for
XYZ(15.9173, 12.6888, 11.7355)
contains.

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Color

**XYZ(15.9173, 12.6888,
11.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	8C545C
RGB	140, 84, 92
RGB Percent	55%, 33%, 36%
CMY	0.4510, 0.6706, 0.6392
CMYK	0.00, 0.40, 0.34, 0.45
HSL	351°, 25%, 44%
HSV	351°, 40%, 55%
XYZ	15.9173, 12.6888, 11.7355
YIQ	101.6560, 30.8080, 14.3600

Conversions

Conversions Part 2

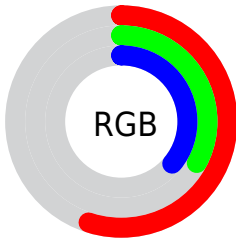
Format	Color
R_{YB}	140, 84, 92
Decimal	9196636
CIE _{Lab}	42.29, 24.35, 5.32
CIE _{LCh}	42, 24.923, 12.328
Yxy	12.6888, 0.3946, 0.3145
Android (android.graphics.Color)	4287386716 (0xFF8C545C)
YUV	101.6560, -4.7604, 33.6277
Hunter-Lab	35.6213, 17.4249, 5.4018

Details

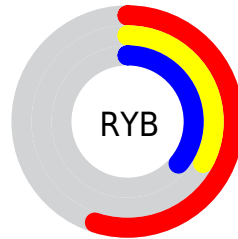
The XYZ color **15.9173, 12.6888, 11.7355** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.1997, 22.3072, 25.2301**, and the grayscale version is **12.5463, 13.1997, 14.3745**.

A 20% lighter version of the original color is **35.9133, 30.6053, 29.6058**, and **5.1792, 3.5951, 3.0057** is the 20% darker color. If you saturate the color by 10%, you get **14.4536, 10.5354, 8.8612**, and if you desaturate by 10%, it is **17.6820, 15.3110, 15.1205**.

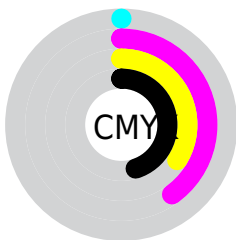
Distribution



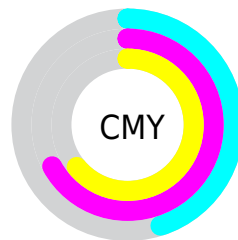
- Red (55%)
- Green (33%)
- Blue (36%)



- Red (55%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (45%)



- Cyan (45%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9173, 12.6888, 11.7355 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 15.9173, 12.6888, 11.7355 by changing the saturation by 10% instead.

■ 15.9173, 12.6888,
11.7355

■ 15.9173, 12.6888,
11.7355

222.1332,
208.9135, 213.5617

■ 9.5561, 7.2146,
6.4435

■ 36.0132, 30.7436,
29.6696

■ 5.1657, 3.5967,
3.0435

■ 50.4786, 44.0929,
43.1488

■ 2.3805, 1.4506,
1.1169

■ 68.3761, 60.8361,
60.1941

■ 0.8354, 0.2536,
0.0000

■ 90.0712, 81.3575,
81.2241

■ 0.0000, 0.0000,
0.0000

■ 115.9290,
106.0416, 106.6573

146.3151,

135.2727, 136.9123

181.5947,
169.4352, 172.4076

■ 15.9173, 12.6888,
11.7355

■ 15.9173, 12.6888,
11.7355

■ 14.4536, 10.5354,
8.8612

■ 17.6820, 15.3110,
15.1205

■ 13.2729, 8.8215,
6.4719

■ 19.7623, 18.4256,
19.0385

■ 12.3571, 7.5172,
4.5409


■ 22.1730, 22.0567,
23.5117


■ 11.6852, 6.5880,
3.0384


■ 24.9277, 26.2263,
28.5606


■ 11.2330, 5.9939,
1.9312


■ 28.0393, 30.9551,
34.2046


 10.9415, 5.6260,
1.1709

 31.5198, 36.2626,
40.4623

 10.9414, 5.6259,
1.1708

 35.3809, 42.1677,
47.3514

 39.6337, 48.6881,
54.8891

 44.2888, 55.8410,
63.0917

Harmonies

Analogous

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



15.8133, 12.6888, 17.1769



15.9173, 12.6888, 11.7355



14.9130, 12.6888, 7.9861

Triad

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



15.9173, 12.6888, 11.7355



9.8014, 12.6888, 7.5250



11.0033, 12.6888, 26.1058

Complementary

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



15.9173, 12.6888, 11.7355



17.1997, 22.3072, 25.2301

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.



9.5968, 12.6888, 21.9574



15.9173, 12.6888, 11.7355



8.9537, 12.6888, 10.9247

Square

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



15.9173, 12.6888, 11.7355



11.3101, 12.6888, 6.0107



8.8829, 12.6888, 16.1288



12.8430, 12.6888, 26.4867

Rectangle

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



15.9173, 12.6888, 11.7355



13.8050, 12.6888, 6.5659



8.8829, 12.6888, 16.1288



10.4692, 12.6888, 25.0645

Sweetspot

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



15.9176, 12.6894, 11.7357



38.0813, 37.3615, 39.5860



17.3576, 13.1081, 26.4262



8.6630, 8.4403, 8.9146



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.



15.9176, 12.6894, 11.7357



25.7141, 18.9134, 16.0834



17.3260, 16.0364, 10.5705



5.0601, 5.0595, 5.4049



9.7268, 5.0008, 1.0659



0.0678, 0.0345, 0.0240

Inverse Universe

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



15.9176, 12.6894, 11.7357



25.7141, 18.9134, 16.0834



15.1550, 17.3081, 27.3530



5.0601, 5.0595, 5.4049



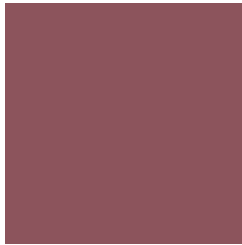
9.7268, 5.0008, 1.0659



0.0678, 0.0345, 0.0240

Previews

White Background



This preview shows how the XYZ color 15.9173, 12.6888, 11.7355 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 15.9173, 12.6888, 11.7355 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 15.9173, 12.6888, 11.7355

Background



This preview shows how black text looks on a background with the XYZ color 15.9173, 12.6888, 11.7355.



This preview shows how white text looks on a background with the XYZ color 15.9173, 12.6888,

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

15.9173, 12.6888, 11.7355

Protanopia

12.3856, 12.8787, 14.1450

Deuteranopia

13.0596, 12.8650, 11.4677



Tritanopia

15.8739, 12.6714, 11.5067

Trichromacy



Original Color

15.9173, 12.6888, 11.7355

Protanomaly

13.4098, 12.6003, 13.2806

Deuteranomaly

13.8839, 12.6206, 11.6018

Tritanomaly

15.8739, 12.6714, 11.5067

Monochromacy



Original Color

15.9173, 12.6888, 11.7355

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

13.4993, 12.7793, 13.3104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9173, 12.6888, 11.7355 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(140, 84, 92)` looks like.

```
.text, #text, p{  
    color:rgb(140, 84, 92)  
}
```

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(140, 84, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 84, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.9173, 12.6888, 11.7355 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(140, 84, 92) }
```


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

```
.border{ border-color:rgb(140, 84, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 84, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 84, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 84, 92);  
box-shadow:4px 4px 4px 4px rgb(140, 84,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9173, 12.6888, 11.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 84, 92) }
```

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

```
.background{ background-color: rgb(140, 84,  
92) }
```

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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