

Converting Colors

XYZ(15.8040, 11.7113, 10.2464)

Have a look what the booklet for
XYZ(15.8040, 11.7113, 10.2464)
contains.

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Color

**XYZ(15.8728, 11.7238,
10.2304)**

Conversions

Conversions Part 1

Format	Color
Hex	914B56
RGB	145, 75, 86
RGB Percent	57%, 29%, 34%
CMY	0.4314, 0.7059, 0.6627
CMYK	0.00, 0.48, 0.41, 0.43
HSL	351°, 32%, 43%
HSV	351°, 48%, 57%
XYZ	15.8728, 11.7238, 10.2304
YIQ	97.1840, 38.1890, 18.2610

Conversions

Conversions Part 2

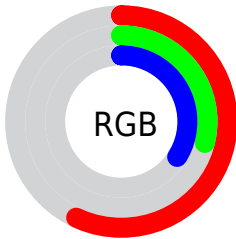
Format	Color
R_{YB}	145, 75, 86
Decimal	9522006
CIE _{Lab}	40.77, 30.63, 6.96
CIE _{LCh}	41, 31.411, 12.807
Yxy	11.7238, 0.4196, 0.3099
Android (android.graphics.Color)	4287712086 (0xFF914B56)
YUV	97.1840, -5.5137, 41.9346
Hunter-Lab	34.2400, 22.8279, 6.2531

Details

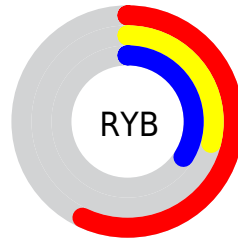
The XYZ color **15.8728, 11.7238, 10.2304** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.3307, 23.4681, 26.1720**, and the grayscale version is **11.4144, 12.0089, 13.0777**.

A 20% lighter version of the original color is **35.8649, 28.8623, 26.9732**, and **5.1066, 3.1681, 2.4402** is the 20% darker color. If you saturate the color by 10%, you get **14.5480, 9.7960, 7.5635**, and if you desaturate by 10%, it is **17.5066, 14.1348, 13.4160**.

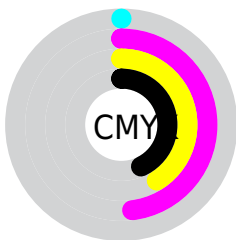
Distribution



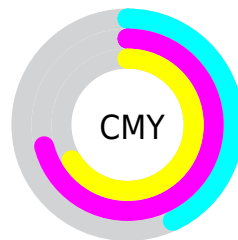
- Red (57%)
- Green (29%)
- Blue (34%)



- Red (57%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (48%)
- Yellow (41%)
- Black (43%)





- Cyan (43%)
- Magenta (71%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.8728, 11.7238, 10.2304 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 15.8728, 11.7238, 10.2304 by changing the saturation by 10% instead.


 15.8728, 11.7238,
10.2304


 15.8728, 11.7238,
10.2304


221.8751,
202.5681, 202.8529


 9.5245, 6.5559,
5.4444


 35.9365, 28.9911,
26.8425


 5.1447, 3.1860,
2.4470


 50.3825, 41.8592,
39.5057


 2.3680, 1.2296,
0.8119

 68.2585, 58.0629,
55.6317

 0.8291, 0.0857,
0.0000

 89.9298, 77.9865,
75.6391

 0.0000, 0.0000,
0.0000

 115.7618,
102.0144, 99.9463

146.1197,

130.5311, 128.9720

181.3691,
163.9208, 163.1347

■ 15.8728, 11.7238,
10.2304

■ 15.8728, 11.7238,
10.2304

■ 14.5480, 9.7960,
7.5635

■ 17.5066, 14.1348,
13.4160

■ 13.5115, 8.3170,
5.3870

■ 19.4665, 17.0568,
17.1454

■ 12.7417, 7.2508,
3.6708

■ 21.7693, 20.5175,
21.4426

■ 12.2132, 6.5550,
2.3810

■ 24.4305, 24.5422,
26.3302

■ 11.8785, 6.1438,
1.4733

■ 27.4645, 29.1545,
31.8293

■ 11.8294, 6.0807,
1.3492

■ 30.8851, 34.3767,
37.9602

■ 34.7052, 40.2301,
44.7422

■ 38.9371, 46.7346,
52.1936

■ 43.5929, 53.9095,
60.3322

Harmonies

Analogous

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



15.7654, 11.7238, 16.7531



15.8728, 11.7238, 10.2304



14.5969, 11.7238, 6.1032

Triad

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



15.8728, 11.7238, 10.2304



8.4743, 11.7238, 5.7055



9.9223, 11.7238, 28.4714

Complementary

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



15.8728, 11.7238, 10.2304



17.3307, 23.4681, 26.1720

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.



8.2823, 11.7238, 23.0690



15.8728, 11.7238, 10.2304



7.5261, 11.7238, 9.4664

Square

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



15.8728, 11.7238, 10.2304



10.2188, 11.7238, 4.1407



7.4608, 11.7238, 15.6876



12.1216, 11.7238, 28.8889

Rectangle

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



15.8728, 11.7238, 10.2304



13.2213, 11.7238, 4.6577



7.4608, 11.7238, 15.6876



9.2950, 11.7238, 27.1124

Sweetspot

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



15.8731, 11.7244, 10.2306



40.8046, 39.4897, 41.7562



17.3529, 12.0909, 28.2071



8.8774, 8.4828, 8.9207



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.8731, 11.7244, 10.2306



25.8582, 17.2620, 13.1436



17.3464, 15.3262, 8.7015



5.4413, 5.4370, 5.8219



10.1533, 5.2184, 1.1929



0.1023, 0.0520, 0.0392

Inverse Universe

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



15.8731, 11.7244, 10.2306



25.8582, 17.2620, 13.1436



14.9317, 17.3780, 29.3552



5.4413, 5.4370, 5.8219



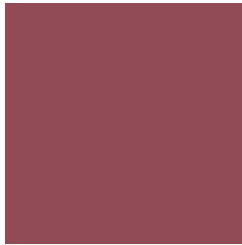
10.1533, 5.2184, 1.1929



0.1023, 0.0520, 0.0392

Previews

White Background



This preview shows how the XYZ color 15.8728, 11.7238, 10.2304 looks on a white background.

Color Contrast Check

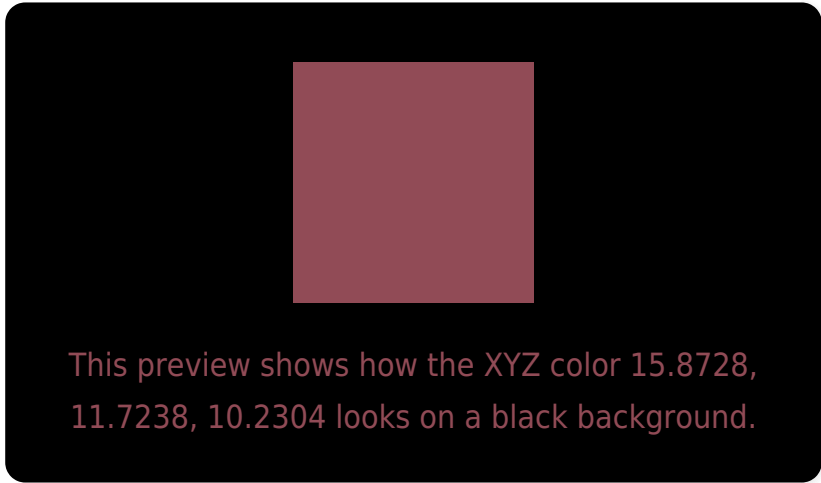
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

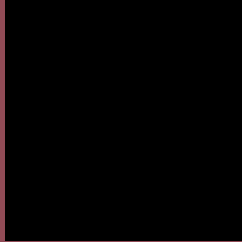
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.8728, 11.7238, 10.2304

Background



This preview shows how black text looks on a background with the XYZ color 15.8728, 11.7238, 10.2304.



This preview shows how white text looks on a background with the XYZ color 15.8728, 11.7238,

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

15.8728, 11.7238, 10.2304

Protanopia

11.3775, 11.8255, 12.9921

Deuteranopia

12.0312, 11.8327, 9.8334



Tritanopia

15.7467, 11.7827, 9.2289

Trichromacy



Original Color

15.8728, 11.7238, 10.2304

Protanomaly

12.5357, 11.4146, 11.8985

Deuteranomaly

13.0964, 11.5066, 9.9183

Tritanomaly

15.8228, 11.8132, 9.6298

Monochromacy



Original Color

15.8728, 11.7238, 10.2304

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.4876, 11.5125, 11.9199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8728, 11.7238, 10.2304 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(145, 75, 86)` looks like.

```
.text, #text, p{  
    color:rgb(145, 75, 86)  
}
```

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(145, 75, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 75, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.8728, 11.7238, 10.2304 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(145, 75, 86) }
```


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

```
.border{ border-color:rgb(145, 75, 86) }
```

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

Here you see how a box with a 4 pixel rgb(145, 75, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 75, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 75, 86);  
box-shadow:4px 4px 4px 4px rgb(145, 75,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8728, 11.7238, 10.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 75, 86) }
```

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

```
.background{ background-color: rgb(145, 75,  
86) }
```

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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