

Converting Colors

XYZ(16.0015, 12.0289, 11.2917)

Have a look what the booklet for
XYZ(16.0015, 12.0289, 11.2917)
contains.

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Color

**XYZ(16.1143, 12.1334,
11.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	904E5B
RGB	144, 78, 91
RGB Percent	56%, 31%, 36%
CMY	0.4353, 0.6941, 0.6431
CMYK	0.00, 0.46, 0.37, 0.44
HSL	348°, 30%, 44%
HSV	348°, 46%, 56%
XYZ	16.1143, 12.1334, 11.3902
YIQ	99.2160, 35.1630, 18.0350

Conversions

Conversions Part 2

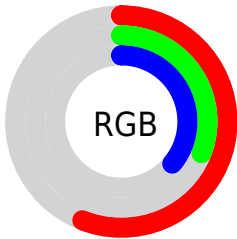
Format	Color
R_{YB}	144, 78, 91
Decimal	9457243
CIE _{Lab}	41.43, 29.20, 4.78
CIE _{LCh}	41, 29.589, 9.289
Yxy	12.1334, 0.4065, 0.3061
Android (android.graphics.Color)	4287647323 (0xFF904E5B)
YUV	99.2160, -4.0505, 39.2756
Hunter-Lab	34.8330, 21.6191, 4.9956

Details

The XYZ color **16.1143, 12.1334, 11.3902** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2124, 23.2052, 25.0458**, and the grayscale version is **11.9182, 12.5389, 13.6548**.

A 20% lighter version of the original color is **36.3463, 29.6408, 29.0049**, and **5.2523, 3.3422, 2.8509** is the 20% darker color. If you saturate the color by 10%, you get **14.7400, 10.1225, 8.6576**, and if you desaturate by 10%, it is **17.7902, 14.6244, 14.6029**.

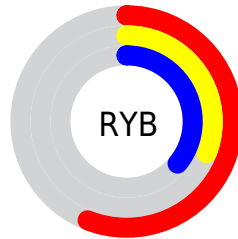
Distribution



Red (56%)

Green (31%)

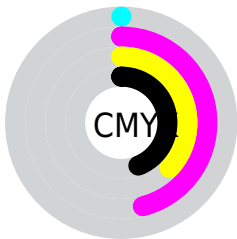
Blue (36%)



Red (56%)

Yellow (31%)

Blue (36%)

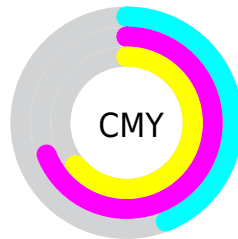


Cyan (0%)

Magenta (46%)

Yellow (37%)

Black (44%)



Cyan (44%)

Magenta (69%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1143, 12.1334, 11.3902 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 16.1143, 12.1334, 11.3902 by changing the saturation by 10% instead.

■ 16.1143, 12.1334,
11.3902

■ 16.1143, 12.1334,
11.3902

223.2724,
205.2864, 211.1580

■ 9.6964, 6.8346,
6.2125

■ 36.3524, 29.7378,
29.0271

■ 5.2589, 3.3589,
2.9038

■ 50.9033, 42.8123,
42.3233

■ 2.4362, 1.3218,
1.0457

■ 68.8959, 59.2473,
59.1628

■ 0.8632, 0.1580,
0.0000

■ 90.6956, 79.4275,
79.9641

■ 0.0000, 0.0000,
0.0000

■ 116.6678,
103.7370, 105.1457

147.1777,

132.5605, 135.1262

182.5908,
166.2821, 170.3241

■ 16.1143, 12.1334,
11.3902

■ 16.1143, 12.1334,
11.3902

■ 14.7400, 10.1225,
8.6576

■ 17.7902, 14.6244,
14.6029

■ 13.6479, 8.5588,
6.3811

■ 19.7835, 17.6217,
18.3168

■ 12.8182, 7.4084,
4.5354

■ 22.1099, 21.1522,
22.5525

■ 12.2277, 6.6315,
3.0924

■ 24.7840, 25.2399,
27.3294

■ 11.8438, 6.1704,
2.0188

■ 27.8192, 29.9075,
32.6657

■ 11.7155, 6.0148,
1.6647

■ 31.2285, 35.1767,
38.5789

■ 35.0241, 41.0677,
45.0856

■ 39.2176, 47.5999,
52.2017

■ 43.8203, 54.7919,
59.9428

Harmonies

Analogous

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



15.8495, 12.1334, 17.8584



16.1143, 12.1334, 11.3902



15.0386, 12.1334, 7.0409

Triad

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



16.1143, 12.1334, 11.3902



9.1068, 12.1334, 6.0010



10.1308, 12.1334, 27.6754

Complementary

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



16.1143, 12.1334, 11.3902



17.2124, 23.2052, 25.0458

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.



8.6186, 12.1334, 22.2201



16.1143, 12.1334, 11.3902



8.0804, 12.1334, 9.4495

Square

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



16.1143, 12.1334, 11.3902



10.8777, 12.1334, 4.6307



7.9135, 12.1334, 15.2166



12.2129, 12.1334, 28.6864

Rectangle

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



16.1143, 12.1334, 11.3902



13.7762, 12.1334, 5.4204



7.9135, 12.1334, 15.2166



9.5466, 12.1334, 26.2347

Sweetspot

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



16.1146, 12.1340, 11.3904



39.6841, 38.3551, 41.0146



17.0880, 12.2724, 27.8537



8.9014, 8.4924, 9.0472



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.



16.1146, 12.1340, 11.3904



25.9336, 17.7606, 15.1392



17.2261, 15.1779, 9.2302



5.4496, 5.4404, 5.8657



10.2092, 5.2407, 1.4872



0.1040, 0.0527, 0.0479

Inverse Universe

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



16.1146, 12.1340, 11.3904



25.9336, 17.7606, 15.1392



15.4092, 18.0993, 29.0669



5.4496, 5.4404, 5.8657



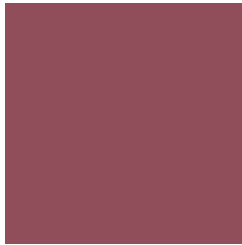
10.2092, 5.2407, 1.4872



0.1040, 0.0527, 0.0479

Previews

White Background



This preview shows how the XYZ color 16.1143, 12.1334, 11.3902 looks on a white background.

Color Contrast Check

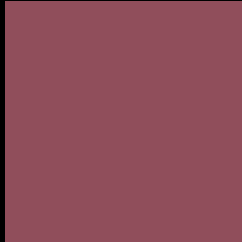
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.1143, 12.1334, 11.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

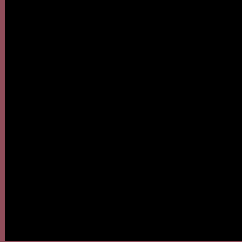
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1143, 12.1334, 11.3902

Background



This preview shows how black text looks on a background with the XYZ color 16.1143, 12.1334, 11.3902.



This preview shows how white text looks on a background with the XYZ color 16.1143, 12.1334,

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

16.1143, 12.1334, 11.3902

Protanopia

11.9115, 12.3473, 14.3258

Deuteranopia

12.4092, 12.2685, 10.9465



Tritanopia

15.7634, 12.0875, 10.0966

Trichromacy



Original Color

16.1143, 12.1334, 11.3902

Protanomaly

13.0159, 12.0089, 13.1872

Deuteranomaly

13.5439, 12.0770, 11.0684

Tritanomaly

15.8440, 12.1197, 10.5211

Monochromacy



Original Color

16.1143, 12.1334, 11.3902

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.9226, 11.9715, 12.6960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1143, 12.1334, 11.3902 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(144, 78, 91)` looks like.

```
.text, #text, p{  
    color:rgb(144, 78, 91)  
}
```

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(144, 78, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 78, 91) }
```

Border

The CSS property to change the border of an element to XYZ 16.1143, 12.1334, 11.3902 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(144, 78, 91) }
```


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

```
.border{ border-color:rgb(144, 78, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 78, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 78, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 78, 91);  
box-shadow:4px 4px 4px 4px rgb(144, 78,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1143, 12.1334, 11.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 78, 91) }
```

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

```
.background{ background-color: rgb(144, 78,  
91) }
```

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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