

Converting Colors

XYZ(16.0945, 12.2130, 13.8798)

Have a look what the booklet for
XYZ(16.0945, 12.2130, 13.8798)
contains.

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Color

**XYZ(16.1295, 12.1943,
13.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	8D4F65
RGB	141, 79, 101
RGB Percent	55%, 31%, 40%
CMY	0.4471, 0.6902, 0.6039
CMYK	0.00, 0.44, 0.28, 0.45
HSL	339°, 28%, 43%
HSV	339°, 44%, 55%
XYZ	16.1295, 12.1943, 13.8155
YIQ	100.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

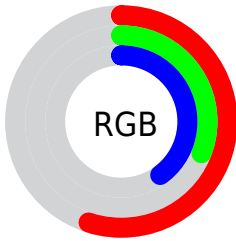
Format	Color
R_{YB}	141, 79, 101
Decimal	9260901
CIE Lab	41.52, 28.87, -1.32
CIE LCh	42, 28.905, 357.379
Yxy	12.1943, 0.3828, 0.2894
Android (android.graphics.Color)	4287450981 (0xFF8D4F65)
YUV	100.0460, 0.4703, 35.9167
Hunter-Lab	34.9203, 21.3375, 0.9874

Details

The XYZ color **16.1295, 12.1943, 13.8155** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.0797, 22.0443, 20.8615**, and the grayscale version is **12.1187, 12.7498, 13.8845**.

A 20% lighter version of the original color is **36.2827, 29.7033, 33.5268**, and **5.3022, 3.4232, 3.8713** is the 20% darker color. If you saturate the color by 10%, you get **14.7969, 10.2033, 11.2926**, and if you desaturate by 10%, it is **17.7279, 14.6377, 16.6708**.

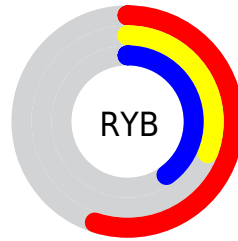
Distribution



Red (55%)

Green (31%)

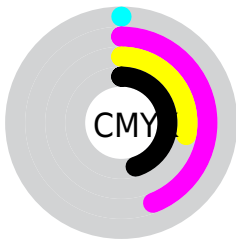
Blue (40%)



Red (55%)

Yellow (31%)

Blue (40%)

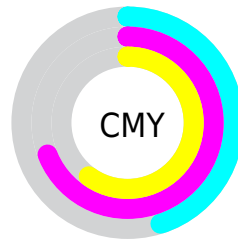


Cyan (0%)

Magenta (44%)

Yellow (28%)

Black (45%)



Cyan (45%)


Magenta (69%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.1295, 12.1943, 13.8155 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 16.1295, 12.1943, 13.8155 by changing the saturation by 10% instead.


 16.1295, 12.1943,
13.8155


 16.1295, 12.1943,
13.8155


223.3601,
205.6874, 227.4684


 9.7073, 6.8761,
7.8552


 36.3785, 29.8485,
33.4737


 5.2661, 3.3848,
3.9160

 50.9360, 42.9533,
48.0087


 2.4406, 1.3358,
1.5794

 68.9359, 59.4225,
66.2389

 0.8654, 0.1686,
0.2760

 90.7437, 79.6404,
88.5830

 0.0000, 0.0000,
0.0000

 116.7246,
103.9915, 115.4594

147.2441,

132.8601, 147.2868

182.6675,
166.6306, 184.4836

■ 16.1295, 12.1943,
13.8155

■ 16.1295, 12.1943,
13.8155

■ 14.7969, 10.2033,
11.2926

■ 17.7279, 14.6377,
16.6708

■ 13.7137, 8.6348,
9.0882

■ 19.6051, 17.5574,
19.8699

■ 12.8632, 7.4580,
7.1888

■ 21.7745, 20.9778,
23.4246

■ 12.2261, 6.6371,
5.5789

■ 24.2484, 24.9211,
27.3460

■ 11.7789, 6.1282,
4.2414

■ 27.0383, 29.4081,
31.6445

■ 11.5609, 5.8933,
3.5489

■ 30.1549, 34.4585,
36.3301

■ 33.6088, 40.0910,
41.4126

■ 37.4098, 46.3236,
46.9012

■ 41.5673, 53.1731,
52.8049

Harmonies

Analogous

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



15.3506, 12.1943, 20.5705



16.1295, 12.1943, 13.8155



15.5753, 12.1943, 8.6224

Triad

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



16.1295, 12.1943, 13.8155



9.8243, 12.1943, 5.4066



9.5396, 12.1943, 25.6519

Complementary

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



16.1295, 12.1943, 13.8155



16.0797, 22.0443, 20.8615

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.



8.3506, 12.1943, 19.3637



16.1295, 12.1943, 13.8155



8.5005, 12.1943, 7.9511

Square

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



16.1295, 12.1943, 13.8155



11.7767, 12.1943, 4.7293



7.9943, 12.1943, 12.7537



11.4059, 12.1943, 28.5784

Rectangle

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



16.1295, 12.1943, 13.8155



14.5575, 12.1943, 6.4361



7.9943, 12.1943, 12.7537



9.0565, 12.1943, 23.7830

Sweetspot

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



16.1298, 12.1949, 13.8157



39.2824, 38.0244, 42.4128



15.1117, 11.3860, 26.6007



8.5907, 8.2026, 9.1778



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.



16.1298, 12.1949, 13.8157



26.4626, 18.2193, 20.1523



15.8261, 13.0876, 9.0899



5.4830, 5.4537, 6.0414



10.5483, 5.3763, 3.2728



0.1106, 0.0553, 0.0828

Inverse Universe

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



16.1298, 12.1949, 13.8157



26.4626, 18.2193, 20.1523



16.3837, 20.2879, 28.2520



5.4830, 5.4537, 6.0414



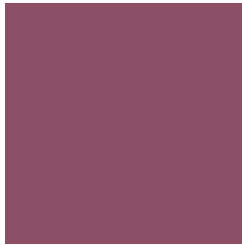
10.5483, 5.3763, 3.2728



0.1106, 0.0553, 0.0828

Previews

White Background



This preview shows how the XYZ color 16.1295, 12.1943, 13.8155 looks on a white background.

Color Contrast Check

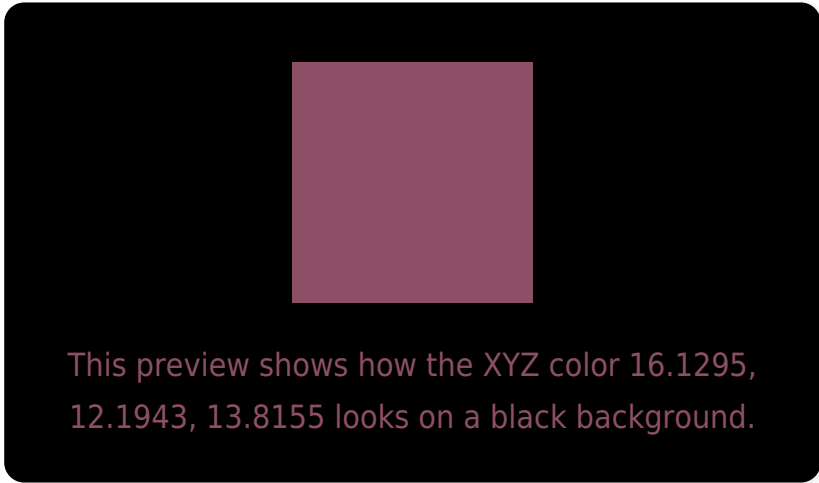
Large Text (above 18pt) WCAG AA ✓ Pass

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

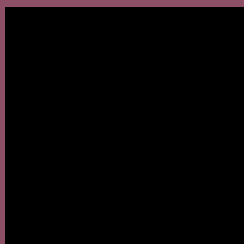
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.1295, 12.1943, 13.8155

Background



This preview shows how black text looks on a background with the XYZ color 16.1295, 12.1943, 13.8155.



This preview shows how white text looks on a background with the XYZ color 16.1295, 12.1943,

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

16.1295, 12.1943, 13.8155

Protanopia

12.1162, 12.3920, 17.0825

Deuteranopia

12.4812, 12.2544, 13.2628



Tritanopia

15.4779, 12.1484, 10.5459

Trichromacy



Original Color

16.1295, 12.1943, 13.8155

Protanomaly

13.1300, 12.0096, 15.8134

Deuteranomaly

13.5702, 12.0387, 13.4128

Tritanomaly

15.6156, 12.0855, 11.6349

Monochromacy



Original Color

16.1295, 12.1943, 13.8155

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

13.1976, 12.2192, 13.7195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1295, 12.1943, 13.8155 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, 79, 101)` looks like.

```
.text, #text, p{  
    color:rgb(141, 79, 101)  
}
```

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, 79, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 79, 101) }
```

Border

The CSS property to change the border of an element to XYZ 16.1295, 12.1943, 13.8155 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, 79, 101) }
```


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

```
.border{ border-color:rgb(141, 79, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 79, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 79, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 79, 101);  
box-shadow:4px 4px 4px 4px rgb(141, 79,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1295, 12.1943, 13.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 79, 101) }
```

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

```
.background{ background-color: rgb(141, 79,  
101) }
```

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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