

Converting Colors

XYZ(15.9438, 12.4546, 12.6300)

Have a look what the booklet for
XYZ(15.9438, 12.4546, 12.6300)
contains.

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Color

**XYZ(15.9438, 12.4546,
12.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	8C5260
RGB	140, 82, 96
RGB Percent	55%, 32%, 38%
CMY	0.4510, 0.6784, 0.6235
CMYK	0.00, 0.41, 0.31, 0.45
HSL	346°, 26%, 44%
HSV	346°, 41%, 55%
XYZ	15.9438, 12.4546, 12.6300
YIQ	100.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

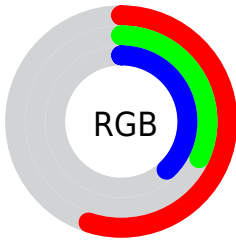
Format	Color
R_{YB}	140, 82, 96
Decimal	9196128
CIE _{Lab}	41.93, 26.06, 2.34
CIE _{LCh}	42, 26.161, 5.131
Yxy	12.4546, 0.3886, 0.3036
Android (android.graphics.Color)	4287386208 (0xFF8C5260)
YUV	100.9380, -2.4344, 34.2574
Hunter-Lab	35.2911, 18.8833, 3.4850

Details

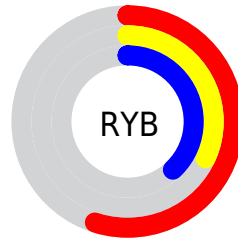
The XYZ color **15.9438, 12.4546, 12.6300** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **16.6242, 22.0566, 23.1210**, and the grayscale version is **12.3546, 12.9981, 14.1549**.

A 20% lighter version of the original color is **35.9452, 30.1800, 31.1249**, and **5.2013, 3.5071, 3.4204** is the 20% darker color. If you saturate the color by 10%, you get **14.5374, 10.3721, 9.9094**, and if you desaturate by 10%, it is **17.6324, 14.9955, 15.7710**.

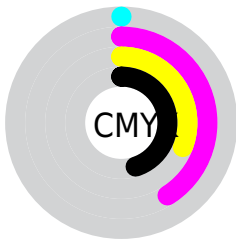
Distribution



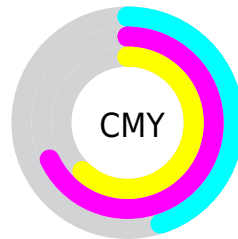
- Red (55%)
- Green (32%)
- Blue (38%)



- Red (55%)
- Yellow (32%)
- Blue (38%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (68%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9438, 12.4546, 12.6300 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 15.9438, 12.4546, 12.6300 by changing the saturation by 10% instead.

■ 15.9438, 12.4546,
12.6300

■ 15.9438, 12.4546,
12.6300

222.2868,
207.3921, 219.6565

■ 9.5750, 7.0541,
7.0465

■ 36.0588, 30.3204,
31.3188

■ 5.1782, 3.4959,
3.4123

■ 50.5358, 43.5545,
45.2613

■ 2.3880, 1.3958,
1.3088

■ 68.4462, 60.1685,
62.8271

■ 0.8391, 0.2136,
0.0690

■ 90.1553, 80.5469,
84.4349

■ 0.0000, 0.0000,
0.0000

■ 116.0286,
105.0741, 110.5032

146.4314,

134.1344, 141.4506

181.7290,
168.1123, 177.6955

■ 15.9438, 12.4546,
12.6300

■ 15.9438, 12.4546,
12.6300

■ 14.5374, 10.3721,
9.9094

■ 17.6324, 14.9955,
15.7710

■ 13.3963, 8.7189,
7.5901

■ 19.6168, 18.0183,
19.3487

■ 12.5034, 7.4650,
5.6528

■ 21.9107, 21.5467,
23.3795

■ 11.8392, 6.5762,
4.0760

■ 24.5270, 25.6027,
27.8787

■ 11.3808, 6.0121,
2.8360

■ 27.4775, 30.2066,
32.8609

■ 11.1008, 5.6897,
2.0104

■ 30.7736, 35.3779,
38.3399

■ 34.4261, 41.1351,
44.3293

■ 38.4454, 47.4958,
50.8417

■ 42.8413, 54.4769,
57.8897

Harmonies

Analogous

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



15.5446, 12.4546, 18.5540



15.9438, 12.4546, 12.6300



15.1489, 12.4546, 8.3067

Triad

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



15.9438, 12.4546, 12.6300



9.8231, 12.4546, 6.5796



10.3409, 12.4546, 25.7085

Complementary

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



15.9438, 12.4546, 12.6300



16.6242, 22.0566, 23.1210

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.



9.0480, 12.4546, 20.6638



15.9438, 12.4546, 12.6300



8.7726, 12.4546, 9.5551

Square

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



15.9438, 12.4546, 12.6300



11.5080, 12.4546, 5.4756



8.5051, 12.4546, 14.5365



12.1736, 12.4546, 27.1840

Rectangle

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



15.9438, 12.4546, 12.6300



14.0949, 12.4546, 6.5623



8.5051, 12.4546, 14.5365



9.8354, 12.4546, 24.3175

Sweetspot

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



15.9441, 12.4552, 12.6302



38.2739, 37.4385, 40.6003



16.2820, 12.3265, 26.3319



8.7108, 8.4594, 9.1663



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.



15.9441, 12.4552, 12.6302



25.7138, 18.4092, 17.6361



16.5673, 14.6425, 9.9366



5.0792, 5.0671, 5.5053



9.8706, 5.0583, 1.8227



0.0706, 0.0356, 0.0385

Inverse Universe

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



15.9441, 12.4552, 12.6302



25.7138, 18.4092, 17.6361



15.6108, 18.4818, 27.5554



5.0792, 5.0671, 5.5053



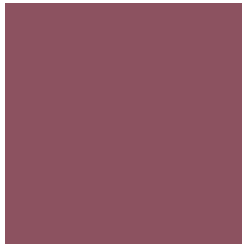
9.8706, 5.0583, 1.8227



0.0706, 0.0356, 0.0385

Previews

White Background



This preview shows how the XYZ color 15.9438, 12.4546, 12.6300 looks on a white background.

Color Contrast Check

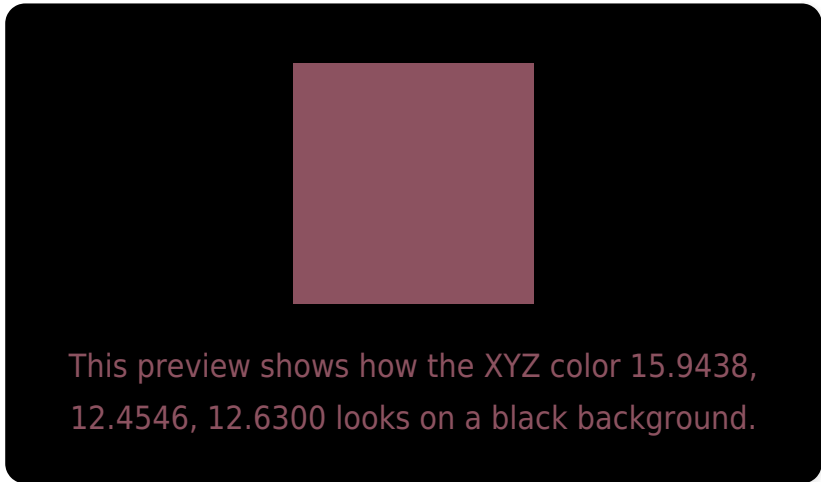
Large Text (above 18pt) WCAG AA ✓ Pass

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

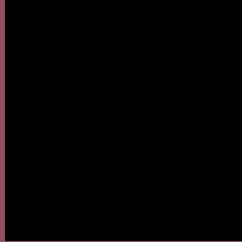
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.9438, 12.4546, 12.6300

Background



This preview shows how black text looks on a background with the XYZ color 15.9438, 12.4546, 12.6300.



This preview shows how white text looks on a background with the XYZ color 15.9438, 12.4546,

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

15.9438, 12.4546, 12.6300

Protanopia

12.2089, 12.6169, 15.4275

Deuteranopia

12.7588, 12.5534, 12.3403



Tritanopia

15.5439, 12.3967, 11.0248

Trichromacy



Original Color

15.9438, 12.4546, 12.6300

Protanomaly

13.2521, 12.3654, 14.2587

Deuteranomaly

13.8327, 12.4460, 12.4997

Tritanomaly

15.6725, 12.4482, 11.7019

Monochromacy



Original Color

15.9438, 12.4546, 12.6300

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.3251, 12.5511, 13.5247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9438, 12.4546, 12.6300 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, 82, 96)` looks like.

```
.text, #text, p{  
    color:rgb(140, 82, 96)  
}
```

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, 82, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 82, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.9438, 12.4546, 12.6300 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, 82, 96) }
```


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

```
.border{ border-color:rgb(140, 82, 96) }
```

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

Here you see how a box with a 4 pixel rgb(140, 82, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 82, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 82, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 82,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9438, 12.4546, 12.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 82, 96) }
```

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

```
.background{ background-color: rgb(140, 82,  
96) }
```

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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