

Converting Colors

XYZ(18.7853, 15.1260, 11.7410)

Have a look what the booklet for
XYZ(18.7853, 15.1260, 11.7410)
contains.

XYZ(18.8523, 15.1819, 11.8343)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.8523, 15.1819,
11.8343)**

Conversions

Conversions Part 1

Format	Color
Hex	995C5B
RGB	153, 92, 91
RGB Percent	60%, 36%, 36%
CMY	0.4000, 0.6392, 0.6431
CMYK	0.00, 0.40, 0.41, 0.40
HSL	1°, 25%, 48%
HSV	1°, 41%, 60%
XYZ	18.8523, 15.1819, 11.8343
YIQ	110.1250, 36.6770, 12.6210

Conversions

Conversions Part 2

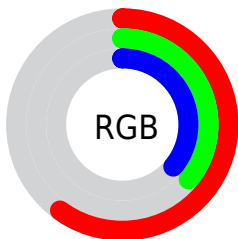
Format	Color
R _Y B	153, 92, 91
Decimal	10050651
CIE Lab	45.88, 24.86, 11.25
CIE LCh	46, 27.286, 24.344
Yxy	15.1819, 0.4110, 0.3310
Android (android.graphics.Color)	4288240731 (0xFF995C5B)
YUV	110.1250, -9.4286, 37.6014
Hunter-Lab	38.9640, 18.1784, 9.2670

Details

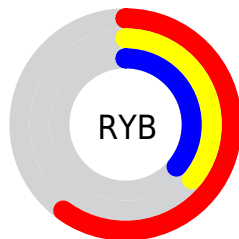
The XYZ color **18.8523, 15.1819, 11.8343** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.2918, 26.9793, 34.2222**, and the grayscale version is **14.8761, 15.6508, 17.0437**.

A 20% lighter version of the original color is **40.9247, 35.1233, 29.8218**, and **6.5576, 4.7189, 3.0478** is the 20% darker color. If you saturate the color by 10%, you get **17.0815, 12.5910, 8.3131**, and if you desaturate by 10%, it is **21.0176, 18.3463, 16.1513**.

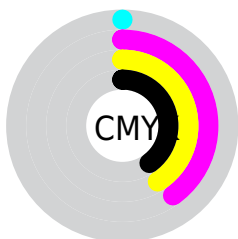
Distribution



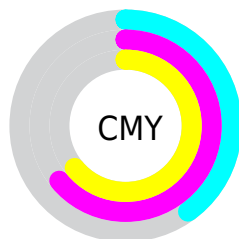
- Red (60%)
- Green (36%)
- Blue (36%)



- Red (60%)
- Yellow (36%)
- Blue (36%)



- Cyan (0%)
- Magenta (40%)
- Yellow (41%)
- Black (40%)



- Cyan (40%)
- Magenta (64%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8523, 15.1819, 11.8343 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 18.8523, 15.1819, 11.8343 by changing the saturation by 10% instead.

■ 18.8523, 15.1819,
11.8343

■ 18.8523, 15.1819,
11.8343

238.5860,
224.4646, 214.2440

■ 11.6670, 8.9471,
6.5098

■ 41.0032, 35.1720,
29.8528

■ 6.5879, 4.7067,
3.0837

■ 56.6994, 49.6961,
43.3839

■ 3.2498, 2.0762,
1.1375

■ 75.9634, 67.7521,
60.4876

■ 1.2872, 0.6512,
0.0000

■ 99.1604, 89.7244,
81.5824

■ 0.1736, 0.0000,
0.0000

126.6558,
115.9974, 107.0870

■ 0.0000, 0.0000,
0.0000

158.8149,

146.9555, 137.4197

196.0032,
182.9831, 172.9992

■ 18.8523, 15.1819,
11.8343

■ 18.8523, 15.1819,
11.8343

■ 17.0815, 12.5910,
8.3131

■ 21.0176, 18.3463,
16.1513

■ 15.6802, 10.5371,
5.5381

■ 23.5979, 22.1134,
21.3075

■ 14.6228, 8.9834,
3.4561


■ 26.6137, 26.5128,
27.3443


■ 13.8796, 7.8870,
2.0058


■ 30.0837, 31.5717,
34.3004


■ 13.4160, 7.1983,
1.1158


■ 34.0257, 37.3158,
42.2116

 13.1637, 6.8260,
0.6238

 38.4565, 43.7693,
51.1124

 43.3920, 50.9551,
61.0352

 48.8473, 58.8954,
72.0111

 54.8371, 67.6112,
84.0697

Harmonies

Analogous

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



19.3006, 15.1819, 17.8122



18.8523, 15.1819, 11.8343



17.1683, 15.1819, 8.2185

Triad

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



18.8523, 15.1819, 11.8343



11.1225, 15.1819, 10.1850



13.9979, 15.1819, 32.6358

Complementary

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



18.8523, 15.1819, 11.8343



21.2918, 26.9793, 34.2222

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.



11.9994, 15.1819, 29.1252



18.8523, 15.1819, 11.8343



10.4565, 15.1819, 15.3118

Square

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



18.8523, 15.1819, 11.8343



12.6804, 15.1819, 7.4588



10.7596, 15.1819, 22.3290



16.3335, 15.1819, 30.9869

Rectangle

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



18.8523, 15.1819, 11.8343



15.6583, 15.1819, 7.0789



10.7596, 15.1819, 22.3290



13.2676, 15.1819, 31.9967

Sweetspot

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



18.8527, 15.1827, 11.8346



46.6792, 46.0479, 47.0018



22.6277, 16.5545, 32.1396



10.1637, 9.9585, 10.0910



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.8527, 15.1827, 11.8346



30.7491, 22.7804, 15.2014



21.9847, 21.4467, 12.8786



6.2164, 6.2379, 6.4822



10.8820, 5.6465, 0.5163



0.1646, 0.0882, 0.0083

Inverse Universe

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



21.2918, 26.9793, 34.2222



35.7529, 46.9901, 61.1576



17.0238, 18.4432, 32.7995



6.3760, 7.0094, 7.9459



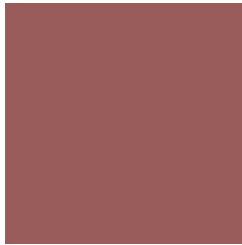
13.8377, 20.0720, 28.0527



0.2092, 0.3047, 0.4202

Previews

White Background



This preview shows how the XYZ color 18.8523, 15.1819, 11.8343 looks on a white background.

Color Contrast Check

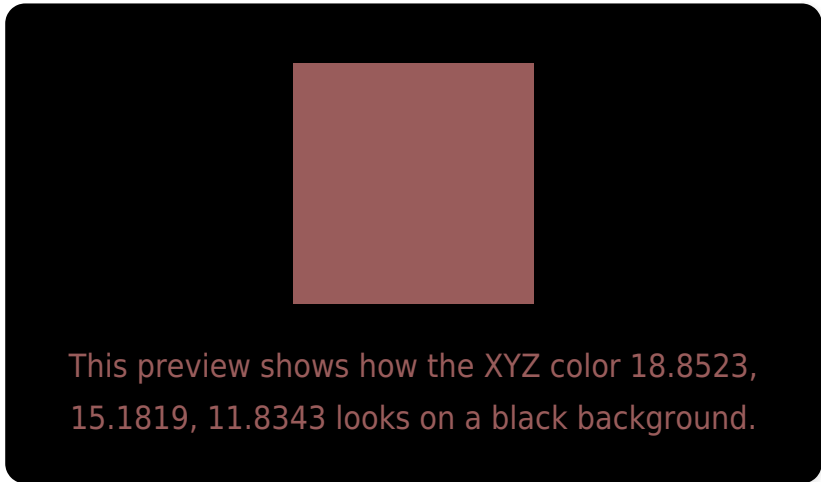
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8523, 15.1819, 11.8343

Background



This preview shows how black text looks on a background with the XYZ color 18.8523, 15.1819, 11.8343.



This preview shows how white text looks on a background with the XYZ color 18.8523, 15.1819,

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

18.8523, 15.1819, 11.8343

Protanopia

14.5308, 15.3488, 14.0011

Deuteranopia

15.6071, 15.3364, 11.5888



Tritanopia

19.2721, 15.2340, 13.4800

Trichromacy



Original Color

18.8523, 15.1819, 11.8343

Protanomaly

15.8637, 15.1342, 13.1514

Deuteranomaly

16.5560, 15.0868, 11.7123

Tritanomaly

19.1331, 15.1784, 12.7478

Monochromacy



Original Color

18.8523, 15.1819, 11.8343

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9026, 15.1154, 14.9114

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8523, 15.1819, 11.8343 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(153, 92, 91)` looks like.

```
.text, #text, p{  
    color:rgb(153, 92, 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(153, 92, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 92, 91) }
```

Border

The CSS property to change the border of an element to XYZ 18.8523, 15.1819, 11.8343 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(153, 92, 91) }
```


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

```
.border{ border-color:rgb(153, 92, 91) }
```

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

Here you see how a box with a 4 pixel rgb(153, 92, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 92, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 92, 91);  
box-shadow:4px 4px 4px 4px rgb(153, 92,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8523, 15.1819, 11.8343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 92, 91) }
```

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

```
.background{ background-color: rgb(153, 92,  
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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