

Converting Colors

XYZ(11.8180, 10.4430, 10.3889)

Have a look what the booklet for
XYZ(11.8180, 10.4430, 10.3889)
contains.

XYZ(11.8838, 10.5195, 10.4209)	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(11.8838, 10.5195,
10.4209)**

Conversions

Conversions Part 1

Format	Color
Hex	735357
RGB	115, 83, 87
RGB Percent	45%, 33%, 34%
CMY	0.5490, 0.6745, 0.6588
CMYK	0.00, 0.28, 0.24, 0.55
HSL	353°, 16%, 39%
HSV	353°, 28%, 45%
XYZ	11.8838, 10.5195, 10.4209
YIQ	93.0240, 17.7880, 8.0280

Conversions

Conversions Part 2

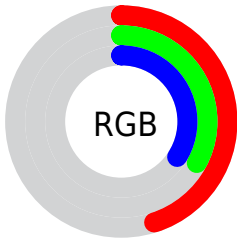
Format	Color
R_{YB}	115, 83, 87
Decimal	7557975
CIE Lab	38.76, 13.99, 2.93
CIE LCh	39, 14.293, 11.822
Yxy	10.5195, 0.3620, 0.3205
Android (android.graphics.Color)	4285748055 (0xFF735357)
YUV	93.0240, -2.9698, 19.2730
Hunter-Lab	32.4338, 8.6436, 3.6539

Details

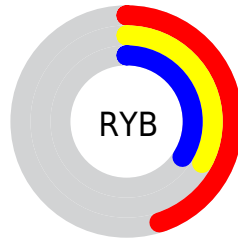
The XYZ color **11.8838, 10.5195, 10.4209** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.5677, 15.2484, 17.3207**, and the grayscale version is **10.4141, 10.9565, 11.9316**.

A 20% lighter version of the original color is **29.0513, 26.9060, 27.3291**, and **3.3578, 2.7116, 2.5369** is the 20% darker color. If you saturate the color by 10%, you get **10.6930, 8.7505, 8.1350**, and if you desaturate by 10%, it is **13.2785, 12.6043, 13.0579**.

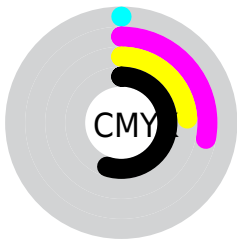
Distribution



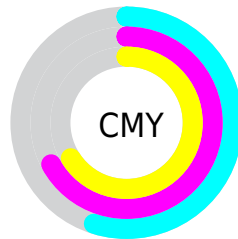
- Red (45%)
- Green (33%)
- Blue (34%)



- Red (45%)
- Yellow (33%)
- Blue (34%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.8838, 10.5195, 10.4209 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 11.8838, 10.5195, 10.4209 by changing the saturation by 10% instead.

■ 11.8838, 10.5195,
10.4209

■ 11.8838, 10.5195,
10.4209

197.4202,
194.3407, 204.2430

■ 6.7362, 5.7447,
5.5697

■ 28.9020, 26.7681,
27.2043

■ 3.3426, 2.6905,
2.5207

■ 41.5033, 39.0108,
39.9736

■ 1.3374, 0.9724,
0.8511

■ 57.3200, 54.5116,
56.2193

■ 0.2109, 0.0000,
0.0000

■ 76.7173, 73.6549,
76.3599

■ 0.0000, 0.0000,
0.0000

■ 100.0606, 96.8250,
100.8141

127.7153,

124.4064, 130.0003

160.0467,
156.7835, 164.3371

■ 11.8838, 10.5195,
10.4209

■ 11.8838, 10.5195,
10.4209

■ 10.6930, 8.7505,
8.1350

■ 13.2785, 12.6043,
13.0579

■ 9.6956, 7.2806,
6.1846

■ 14.8852, 15.0178,
16.0592

■ 8.8817, 6.0937,
4.5542

■ 16.7125, 17.7739,
19.4383

■ 8.2399, 5.1714,
3.2265

■ 18.7683, 20.8852,
23.2076

■ 7.7577, 4.4934,
2.1828

■ 21.0602, 24.3637,
27.3791

■ 7.4208, 4.0364,
1.4020

■ 23.5955, 28.2210,
31.9643

■ 7.1952, 3.7383,
0.8546

■ 26.3808, 32.4679,
36.9740

■ 7.1520, 3.6776,
0.7615

■ 29.4230, 37.1150,
42.4189

■ 32.7283, 42.1723,
48.3091

Harmonies

Analogous

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



11.8254, 10.5195, 13.1547



11.8838, 10.5195, 10.4209



11.4141, 10.5195, 8.3235

Triad

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



11.8838, 10.5195, 10.4209



8.8355, 10.5195, 7.9982



9.4424, 10.5195, 17.1413

Complementary

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



11.8838, 10.5195, 10.4209



12.5677, 15.2484, 17.3207

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.



8.7050, 10.5195, 15.2847



11.8838, 10.5195, 10.4209



8.3701, 10.5195, 9.9065

Square

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



11.8838, 10.5195, 10.4209



9.6309, 10.5195, 7.0795



8.3239, 10.5195, 12.5531



10.3752, 10.5195, 17.3374

Rectangle

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



11.8838, 10.5195, 10.4209



10.8810, 10.5195, 7.4531



8.3239, 10.5195, 12.5531



9.1650, 10.5195, 16.6786

Sweetspot

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



11.8841, 10.5200, 10.4211



26.5362, 26.7138, 28.5368



12.7102, 10.7871, 17.6320



6.2386, 6.2346, 6.6368



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



11.8841, 10.5200, 10.4211



19.9491, 16.8573, 16.1133



12.7001, 12.4063, 9.9095



3.7009, 3.7076, 3.9515



8.1711, 4.2022, 0.8433



39.6387, 20.4056, 3.1610

Inverse Universe

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



11.8841, 10.5200, 10.4211



19.9491, 16.8573, 16.1133



11.5390, 12.8309, 18.0882



3.7009, 3.7076, 3.9515



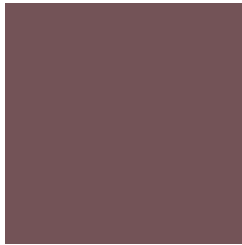
8.1711, 4.2022, 0.8433



39.6387, 20.4056, 3.1610

Previews

White Background



This preview shows how the XYZ color 11.8838, 10.5195, 10.4209 looks on a white background.

Color Contrast Check

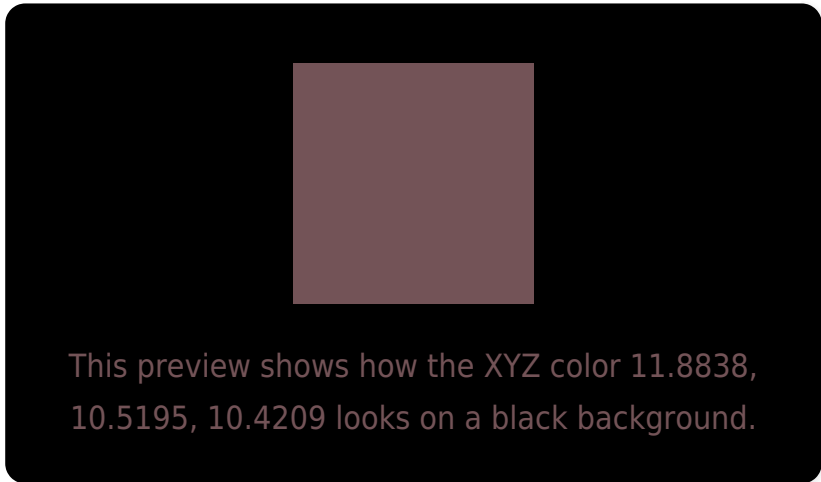
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8838, 10.5195, 10.4209

Background



This preview shows how black text looks on a background with the XYZ color 11.8838, 10.5195, 10.4209.

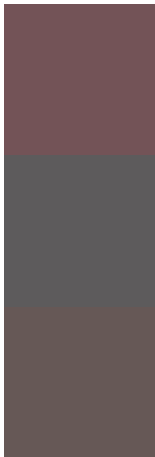


This preview shows how white text looks on a background with the XYZ color 11.8838, 10.5195,

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

11.8838, 10.5195, 10.4209

Protanopia

10.1871, 10.5820, 11.6308

Deuteranopia

10.6489, 10.4761, 10.2649



Tritanopia

11.9667, 10.5526, 10.8573

Trichromacy



Original Color

11.8838, 10.5195, 10.4209

Protanomaly

10.7020, 10.4843, 11.1325

Deuteranomaly

11.0709, 10.4533, 10.2383

Tritanomaly

11.9249, 10.5359, 10.6376

Monochromacy



Original Color

11.8838, 10.5195, 10.4209

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.8275, 10.6668, 11.3858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.8838, 10.5195, 10.4209 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(115, 83, 87)` looks like.

```
.text, #text, p{  
    color:rgb(115, 83, 87)  
}
```

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(115, 83, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 83, 87) }
```

Border

The CSS property to change the border of an element to XYZ 11.8838, 10.5195, 10.4209 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(115, 83, 87) }
```


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

```
.border{ border-color:rgb(115, 83, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 83, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 83, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 83, 87);  
box-shadow:4px 4px 4px 4px rgb(115, 83,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 11.8838, 10.5195, 10.4209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 83, 87) }
```

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

```
.background{ background-color: rgb(115, 83,  
87) }
```

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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