

Converting Colors

XYZ(13.2920, 12.0141, 10.8123)

Have a look what the booklet for
XYZ(13.2920, 12.0141, 10.8123)
contains.

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Color

**XYZ(13.2190, 11.9143,
10.8355)**

Conversions

Conversions Part 1

Format	Color
Hex	795958
RGB	121, 89, 88
RGB Percent	47%, 35%, 35%
CMY	0.5255, 0.6510, 0.6549
CMYK	0.00, 0.26, 0.27, 0.53
HSL	2°, 16%, 41%
HSV	2°, 27%, 47%
XYZ	13.2190, 11.9143, 10.8355
YIQ	98.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

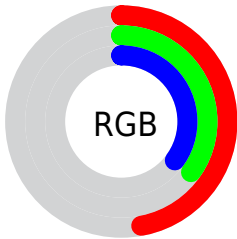
Format	Color
R_{YB}	121, 89, 88
Decimal	7952728
CIE _{Lab}	41.08, 13.02, 5.73
CIE _{LCh}	41, 14.227, 23.758
Yxy	11.9143, 0.3675, 0.3312
Android (android.graphics.Color)	4286142808 (0xFF795958)
YUV	98.4540, -5.1538, 19.7728
Hunter-Lab	34.5171, 7.9552, 5.5498

Details

The XYZ color **13.2190, 11.9143, 10.8355** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.1920, 16.8876, 20.6009**, and the grayscale version is **11.7321, 12.3430, 13.4416**.

A 20% lighter version of the original color is **31.2756, 29.2989, 28.0516**, and **3.8985, 3.2418, 2.7058** is the 20% darker color. If you saturate the color by 10%, you get **11.8591, 9.9311, 8.1112**, and if you desaturate by 10%, it is **14.8184, 14.2431, 14.0504**.

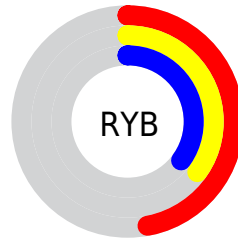
Distribution



Red (47%)

Green (35%)

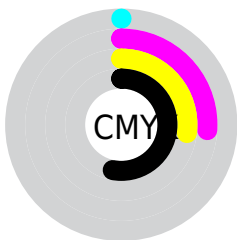
Blue (35%)



Red (47%)

Yellow (35%)

Blue (35%)

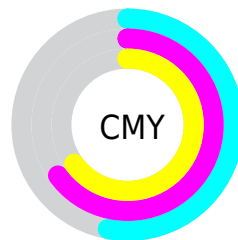


Cyan (0%)

Magenta (26%)

Yellow (27%)

Black (53%)



Cyan (53%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2190, 11.9143, 10.8355 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 13.2190, 11.9143, 10.8355 by changing the saturation by 10% instead.

■ 13.2190, 11.9143,
10.8355

■ 13.2190, 11.9143,
10.8355

205.9258,
203.8371, 207.2322

■ 7.6576, 6.6853,
5.8436

■ 31.2946, 29.3389,
27.9876

■ 3.9266, 3.2661,
2.6829

■ 44.5396, 42.3034,
40.9848

■ 1.6607, 1.2722,
0.9348

■ 61.0764, 58.6151,
57.4874

■ 0.4315, 0.1195,
0.0000

■ 81.2704, 78.6586,
77.9142

■ 0.0000, 0.0000,
0.0000

■ 105.4870,
102.8181, 102.6835

134.0915,

131.4781, 132.2139

167.4493,
165.0230, 166.9240

■ 13.2190, 11.9143,
10.8355

■ 13.2190, 11.9143,
10.8355

■ 11.8591, 9.9311,
8.1112

■ 14.8184, 14.2431,
14.0504

■ 10.7263, 8.2756,
5.8528

■ 16.6670, 16.9312,
17.7775

■ 9.8085, 6.9305,
4.0343

■ 18.7752, 19.9934,
22.0382

■ 9.0920, 5.8766,
2.6271

■ 21.1524, 23.4434,
26.8524

■ 8.5618, 5.0923,
1.5992

■ 23.8077, 27.2940,
32.2387

■ 8.2006, 4.5532,
0.9137

■ 26.7497, 31.5574,
38.2153

■ 7.9779, 4.2215,
0.4891

■ 29.9866, 36.2456,
44.7992

■ 7.9251, 4.1448,
0.3823

■ 33.5263, 41.3697,
52.0070

■ 37.3764, 46.9407,
59.8544

Harmonies

Analogous

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



13.3914, 11.9143, 13.5940



13.2190, 11.9143, 10.8355



12.5257, 11.9143, 8.9436

Triad

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



13.2190, 11.9143, 10.8355



9.8125, 11.9143, 9.9227



11.1119, 11.9143, 19.4075

Complementary

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



13.2190, 11.9143, 10.8355



14.1920, 16.8876, 20.6009

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.



10.2021, 11.9143, 18.0598



13.2190, 11.9143, 10.8355



9.4815, 11.9143, 12.3705

Square

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



13.2190, 11.9143, 10.8355



10.5511, 11.9143, 8.4746



9.6197, 11.9143, 15.3738



12.1342, 11.9143, 18.8333

Rectangle

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



13.2190, 11.9143, 10.8355



11.8826, 11.9143, 8.2861



9.6197, 11.9143, 15.3738



10.7836, 11.9143, 19.1585

Sweetspot

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



13.2193, 11.9149, 10.8357



29.5197, 29.8449, 31.1759



14.7925, 12.4116, 19.5289



6.6484, 6.6768, 6.9240



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



13.2193, 11.9149, 10.8357



22.0292, 18.9408, 16.1107



14.7034, 14.8830, 11.3304



4.0072, 4.0328, 4.1917



8.4914, 4.4386, 0.4092



40.3913, 20.9461, 1.9141

Inverse Universe

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



14.1920, 16.8876, 20.6009



24.0904, 29.4819, 36.8138



12.4211, 13.3459, 20.0106



4.0971, 4.4926, 5.0944



10.5546, 15.1916, 21.7613



50.2282, 72.2291, 103.7641

Previews

White Background



This preview shows how the XYZ color 13.2190, 11.9143, 10.8355 looks on a white background.

Color Contrast Check

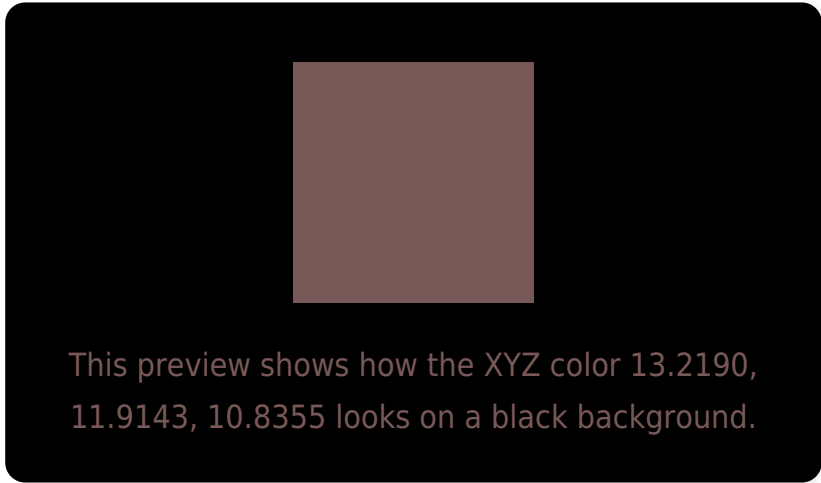
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.2190, 11.9143, 10.8355

Background



This preview shows how black text looks on a background with the XYZ color 13.2190, 11.9143, 10.8355.



This preview shows how white text looks on a background with the XYZ color 13.2190, 11.9143,

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

13.2190, 11.9143, 10.8355

Protanopia

11.4620, 12.0314, 11.8434

Deuteranopia

12.1534, 12.0085, 10.6941



Tritanopia

13.5813, 11.9432, 12.4159

Trichromacy



Original Color

13.2190, 11.9143, 10.8355

Protanomaly

12.0754, 11.9489, 11.5675

Deuteranomaly

12.4869, 11.9198, 10.6595

Tritanomaly

13.4475, 11.8897, 11.7114

Monochromacy



Original Color

13.2190, 11.9143, 10.8355

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.0564, 12.0567, 12.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2190, 11.9143, 10.8355 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(121, 89, 88)` looks like.

```
.text, #text, p{  
    color:rgb(121, 89, 88)  
}
```

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(121, 89, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 89, 88) }
```

Border

The CSS property to change the border of an element to XYZ 13.2190, 11.9143, 10.8355 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(121, 89, 88) }
```


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

```
.border{ border-color:rgb(121, 89, 88) }
```

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

Here you see how a box with a 4 pixel rgb(121, 89, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 89, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 89, 88);  
box-shadow:4px 4px 4px 4px rgb(121, 89,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2190, 11.9143, 10.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 89, 88) }
```

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

```
.background{ background-color: rgb(121, 89,  
88) }
```

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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