

Converting Colors

XYZ(14.2829, 10.5558, 10.5702)

Have a look what the booklet for
XYZ(14.2829, 10.5558, 10.5702)
contains.

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Color

**XYZ(14.2322, 10.5736,
10.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	884858
RGB	136, 72, 88
RGB Percent	53%, 28%, 35%
CMY	0.4667, 0.7176, 0.6549
CMYK	0.00, 0.47, 0.35, 0.47
HSL	345°, 31%, 41%
HSV	345°, 47%, 53%
XYZ	14.2322, 10.5736, 10.5233
YIQ	92.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

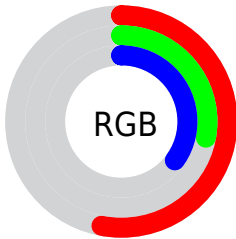
Format	Color
R_{YB}	136, 72, 88
Decimal	8931416
CIE _{Lab}	38.85, 29.08, 2.79
CIE _{LCh}	39, 29.209, 5.483
Yxy	10.5736, 0.4028, 0.2993
Android (android.graphics.Color)	4287121496 (0xFF884858)
YUV	92.9600, -2.4453, 37.7461
Hunter-Lab	32.5171, 21.2217, 3.5743

Details

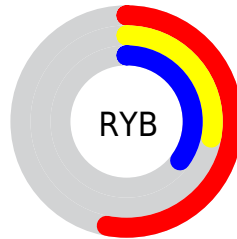
The XYZ color **14.2322, 10.5736, 10.5233** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.8674, 20.3424, 20.9134**, and the grayscale version is **10.3956, 10.9370, 11.9104**.

A 20% lighter version of the original color is **33.0328, 26.8304, 27.4825**, and **4.4398, 2.7545, 2.5832** is the 20% darker color. If you saturate the color by 10%, you get **13.0549, 8.8485, 8.1900**, and if you desaturate by 10%, it is **15.6638, 12.7125, 13.2333**.

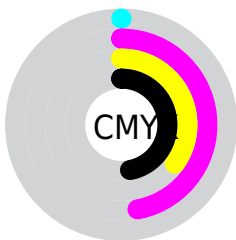
Distribution



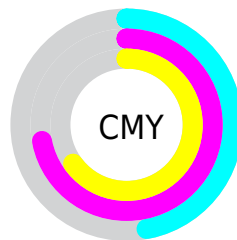
- Red (53%)
- Green (28%)
- Blue (35%)



- Red (53%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (47%)





- Cyan (47%)
- Magenta (72%)
- Yellow (65%)
- Black (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.2322, 10.5736, 10.5233 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 14.2322, 10.5736, 10.5233 by changing the saturation by 10% instead.


 14.2322, 10.5736,
10.5233


 14.2322, 10.5736,
10.5233


212.1524,
194.7184, 204.9859


 8.3651, 5.7809,
5.6372


 33.0833, 26.8689,
27.3983


 4.3832, 2.7123,
2.5605

 46.7980, 39.1404,
40.2242


 1.9211, 0.9835,
0.8720

 63.8594, 54.6735,
56.5338

 0.5891, 0.0000,
0.0000

 84.6327, 73.8527,
76.7456

 0.0000, 0.0000,
0.0000

 109.4832, 97.0624,
101.2782

138.7765,

124.6870, 130.5501

172.8778,
157.1108, 164.9798

■ 14.2322, 10.5736,
10.5233

■ 14.2322, 10.5736,
10.5233

■ 13.0549, 8.8485,
8.1900

■ 15.6638, 12.7125,
13.2333

■ 12.1155, 7.5086,
6.2157

■ 17.3628, 15.2880,
16.3355

■ 11.3972, 6.5243,
4.5819


■ 19.3426, 18.3233,
19.8451


■ 10.8804, 5.8610,
3.2681


■ 21.6154, 21.8393,
23.7764

■ 10.5307, 5.4547,
2.2479


■ 24.1926, 25.8559,
28.1430

 10.4420, 5.3497,
1.9952

 27.0849, 30.3915,
32.9579

 30.3028, 35.4639,
38.2334

 33.8559, 41.0899,
43.9815

 37.7538, 47.2855,
50.2136

Harmonies

Analogous

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



13.8340, 10.5736, 16.5309



14.2322, 10.5736, 10.5233



13.3982, 10.5736, 6.3646

Triad

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



14.2322, 10.5736, 10.5233



8.0392, 10.5736, 4.8280



8.5822, 10.5736, 24.2012

Complementary

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



14.2322, 10.5736, 10.5233



14.8674, 20.3424, 20.9134

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.



7.3118, 10.5736, 18.8813



14.2322, 10.5736, 10.5233



7.0276, 10.5736, 7.6294

Square

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



14.2322, 10.5736, 10.5233



9.6982, 10.5736, 3.8244



6.7795, 10.5736, 12.5626



10.4100, 10.5736, 25.7304

Rectangle

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



14.2322, 10.5736, 10.5233



12.3117, 10.5736, 4.7704



6.7795, 10.5736, 12.5626



8.0836, 10.5736, 22.7288

Sweetspot

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



14.2325, 10.5741, 10.5235



35.1373, 33.9102, 36.8044



14.5075, 10.4060, 24.5366



7.9683, 7.5923, 8.2288



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.2325, 10.5741, 10.5235



22.9770, 15.5510, 14.3731



14.8132, 12.6822, 7.7988



5.0808, 5.0678, 5.5142



9.8864, 5.0647, 1.9060



0.0708, 0.0357, 0.0398

Inverse Universe

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



14.2325, 10.5741, 10.5235



22.9770, 15.5510, 14.3731



13.8334, 16.5887, 25.7655



5.0808, 5.0678, 5.5142



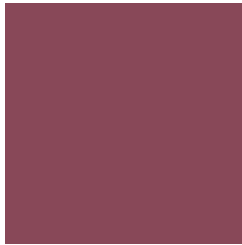
9.8864, 5.0647, 1.9060



0.0708, 0.0357, 0.0398

Previews

White Background



This preview shows how the XYZ color 14.2322, 10.5736, 10.5233 looks on a white background.

Color Contrast Check

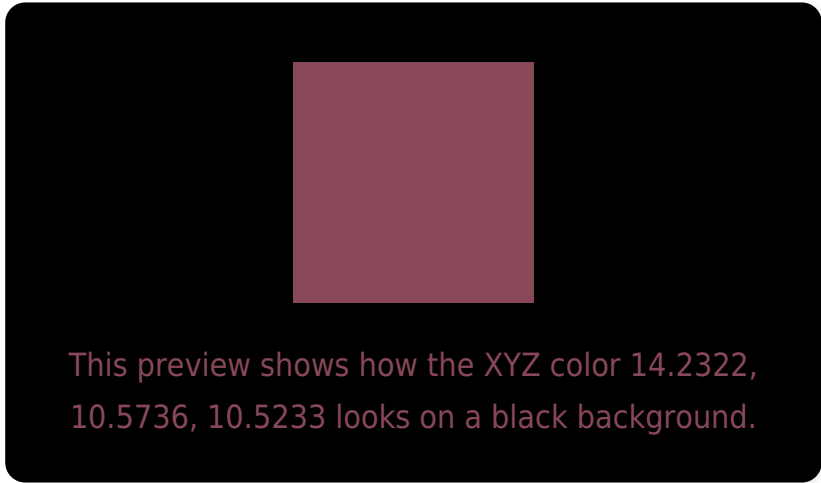
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.2322, 10.5736, 10.5233

Background



This preview shows how black text looks on a background with the XYZ color 14.2322, 10.5736, 10.5233.



This preview shows how white text looks on a background with the XYZ color 14.2322, 10.5736,

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

14.2322, 10.5736, 10.5233

Protanopia

10.4068, 10.6583, 13.3131

Deuteranopia

10.8056, 10.6842, 10.0871



Tritanopia

13.8517, 10.6130, 8.7156

Trichromacy



Original Color

14.2322, 10.5736, 10.5233

Protanomaly

11.4202, 10.3550, 12.2233

Deuteranomaly

11.8432, 10.5032, 10.2072

Tritanomaly

13.8972, 10.5252, 9.2817

Monochromacy



Original Color

14.2322, 10.5736, 10.5233

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

11.4435, 10.5035, 11.3218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2322, 10.5736, 10.5233 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(136, 72, 88)` looks like.

```
.text, #text, p{  
    color:rgb(136, 72, 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(136, 72, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 72, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.2322, 10.5736, 10.5233 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(136, 72, 88) }
```


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

```
.border{ border-color:rgb(136, 72, 88) }
```

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

Here you see how a box with a 4 pixel rgb(136, 72, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 72, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 72, 88);  
box-shadow:4px 4px 4px 4px rgb(136, 72,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2322, 10.5736, 10.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 72, 88) }
```

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

```
.background{ background-color: rgb(136, 72,  
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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