

Converting Colors

XYZ(14.1780, 11.6736, 12.8642)

Have a look what the booklet for
XYZ(14.1780, 11.6736, 12.8642)
contains.

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Color

**XYZ(14.1530, 11.6388,
12.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	805361
RGB	128, 83, 97
RGB Percent	50%, 33%, 38%
CMY	0.4980, 0.6745, 0.6196
CMYK	0.00, 0.35, 0.24, 0.50
HSL	341°, 21%, 41%
HSV	341°, 35%, 50%
XYZ	14.1530, 11.6388, 12.8098
YIQ	98.0510, 22.3260, 13.8940

Conversions

Conversions Part 2

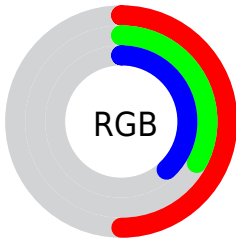
Format	Color
R_{YB}	128, 83, 97
Decimal	8409953
CIE Lab	40.64, 20.90, -0.35
CIE LCh	41, 20.898, 359.038
Yxy	11.6388, 0.3666, 0.3015
Android (android.graphics.Color)	4286600033 (0xFF805361)
YUV	98.0510, -0.5181, 26.2653
Hunter-Lab	34.1157, 14.3488, 1.6187

Details

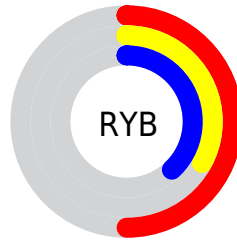
The XYZ color **14.1530, 11.6388, 12.8098** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **14.3242, 18.4925, 18.7350**, and the grayscale version is **11.6198, 12.2249, 13.3129**.

A 20% lighter version of the original color is **33.0242, 28.8583, 31.8466**, and **4.3197, 3.1399, 3.5104** is the 20% darker color. If you saturate the color by 10%, you get **12.8740, 9.7026, 10.4664**, and if you desaturate by 10%, it is **15.6592, 13.9560, 15.4548**.

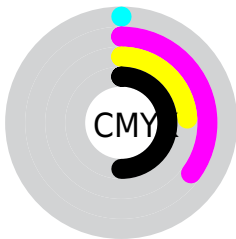
Distribution



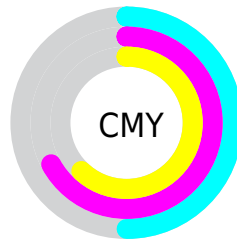
- Red (50%)
- Green (33%)
- Blue (38%)



- Red (50%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (50%)





- Cyan (50%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1530, 11.6388, 12.8098 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 14.1530, 11.6388, 12.8098 by changing the saturation by 10% instead.


 14.1530, 11.6388,
12.8098


 14.1530, 11.6388,
12.8098


211.6722,
201.9992, 220.8599


 8.3096, 6.4982,
7.1685


 32.9443, 28.8355,
31.6478


 4.3471, 3.1503,
3.4877

 46.6228, 41.6605,
45.6816


 1.9003, 1.2107,
1.3487

 63.6438, 57.8157,
63.3500

 0.5770, 0.0704,
0.1012

 84.3725, 77.6855,
85.0716

 0.0000, 0.0000,
0.0000

 109.1743,
101.6544, 111.2648

138.4147,

130.1067, 142.3483

172.4588,
163.4268, 178.7404

■ 14.1530, 11.6388,
12.8098

■ 14.1530, 11.6388,
12.8098

■ 12.8740, 9.7026,
10.4664

■ 15.6592, 13.9560,
15.4548

■ 11.8098, 8.1254,
8.4126

■ 17.4022, 16.6716,
18.4112

■ 10.9482, 6.8850,
6.6369


■ 19.3924, 19.8038,
21.6892


■ 10.2754, 5.9565,
5.1264


■ 21.6390, 23.3692,
25.2984


■ 9.7755, 5.3113,
3.8671


■ 24.1510, 27.3836,
29.2480


 9.4258, 4.9064,
2.8420

 26.9367, 31.8619,
33.5467

 9.2820, 4.7412,
2.4171

 30.0043, 36.8184,
38.2030

 33.3614, 42.2666,
43.2251

 37.0155, 48.2197,
48.6207

Harmonies

Analogous

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



13.6817, 11.6388, 17.3364



14.1530, 11.6388, 12.8098



13.7368, 11.6388, 9.1194

Triad

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



14.1530, 11.6388, 12.8098



9.7399, 11.6388, 6.8071



9.6641, 11.6388, 21.0084

Complementary

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



14.1530, 11.6388, 12.8098



14.3242, 18.4925, 18.7350

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.



8.7597, 11.6388, 17.0464



14.1530, 11.6388, 12.8098



8.8006, 11.6388, 8.9307

Square

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



14.1530, 11.6388, 12.8098



11.1101, 11.6388, 6.1541



8.4579, 11.6388, 12.5365



11.0147, 11.6388, 22.6729

Rectangle

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



14.1530, 11.6388, 12.8098



13.0313, 11.6388, 7.4680



8.4579, 11.6388, 12.5365



9.3024, 11.6388, 19.8633

Sweetspot

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



14.1533, 11.6393, 12.8100



31.9533, 31.4149, 34.5985



13.8969, 11.3063, 21.8720



7.3919, 7.2149, 7.9528



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.1533, 11.6393, 12.8100



23.1263, 17.7734, 19.2858



14.2263, 12.7393, 9.8935



4.3786, 4.3646, 4.7982



9.2043, 4.7014, 2.3997



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.1533, 11.6393, 12.8100



23.1263, 17.7734, 19.2858



14.1504, 16.7707, 22.9134



4.3786, 4.3646, 4.7982



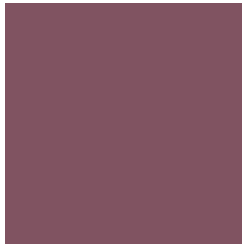
9.2043, 4.7014, 2.3997



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.1530, 11.6388, 12.8098 looks on a white background.

Color Contrast Check

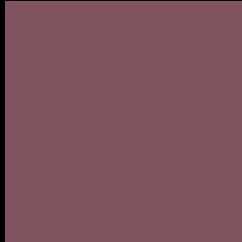
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 14.1530, 11.6388, 12.8098 looks on a 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 14.1530, 11.6388, 12.8098

Background



This preview shows how black text looks on a background with the XYZ color 14.1530, 11.6388, 12.8098.



This preview shows how white text looks on a background with the XYZ color 14.1530, 11.6388,

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

14.1530, 11.6388, 12.8098

Protanopia

11.4009, 11.7981, 14.7731

Deuteranopia

11.9238, 11.7191, 12.4600



Tritanopia

13.7682, 11.5909, 11.1845

Trichromacy



Original Color

14.1530, 11.6388, 12.8098

Protanomaly

12.1535, 11.5476, 13.9003

Deuteranomaly

12.6231, 11.5667, 12.6336

Tritanomaly

13.8985, 11.6430, 11.8707

Monochromacy



Original Color

14.1530, 11.6388, 12.8098

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.4256, 11.9618, 13.2092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1530, 11.6388, 12.8098 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(128, 83, 97)` looks like.

```
.text, #text, p{  
    color:rgb(128, 83, 97)  
}
```

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(128, 83, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 83, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.1530, 11.6388, 12.8098 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(128, 83, 97) }
```


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

```
.border{ border-color:rgb(128, 83, 97) }
```

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

Here you see how a box with a 4 pixel rgb(128, 83, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 83, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 83, 97);  
box-shadow:4px 4px 4px 4px rgb(128, 83,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1530, 11.6388, 12.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 83, 97) }
```

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

```
.background{ background-color: rgb(128, 83,  
97) }
```

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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