

Converting Colors

XYZ(14.1123, 12.1961, 4.7428)

Have a look what the booklet for
XYZ(14.1123, 12.1961, 4.7428)
contains.

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Color

**XYZ(14.0787, 12.1288,
4.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	885633
RGB	136, 86, 51
RGB Percent	53%, 34%, 20%
CMY	0.4667, 0.6627, 0.8000
CMYK	0.00, 0.37, 0.62, 0.47
HSL	25°, 45%, 37%
HSV	25°, 62%, 53%
XYZ	14.0787, 12.1288, 4.7310
YIQ	96.9600, 41.0350, -0.2850

Conversions

Conversions Part 2

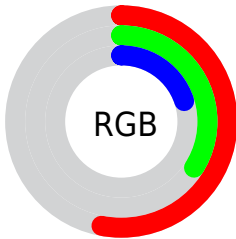
Format	Color
R_{YB}	136, 111, 51
Decimal	8934963
CIE _{Lab}	41.42, 17.05, 28.69
CIE _{LCh}	41, 33.374, 59.274
Yxy	12.1288, 0.4551, 0.3920
Android (android.graphics.Color)	4287125043 (0xFF885633)
YUV	96.9600, -22.6583, 34.2381
Hunter-Lab	34.8264, 11.2130, 16.3242

Details

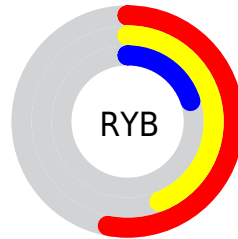
The XYZ color **14.0787, 12.1288, 4.7310** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.4626, 11.7883, 25.0165**, and the grayscale version is **11.3995, 11.9932, 13.0606**.

A 20% lighter version of the original color is **32.7470, 29.6966, 15.5613**, and **4.2659, 3.3224, 0.5600** is the 20% darker color. If you saturate the color by 10%, you get **13.2183, 10.8197, 3.1752**, and if you desaturate by 10%, it is **15.0989, 13.6172, 6.7732**.

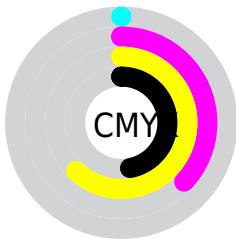
Distribution



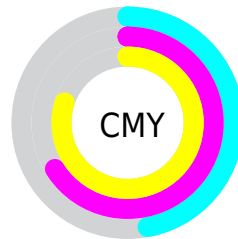
- Red (53%)
- Green (34%)
- Blue (20%)



- Red (53%)
- Yellow (44%)
- Blue (20%)



- Cyan (0%)
- Magenta (37%)
- Yellow (62%)
- Black (47%)





- Cyan (47%)
- Magenta (66%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0787, 12.1288, 4.7310 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 14.0787, 12.1288, 4.7310 by changing the saturation by 10% instead.


 14.0787, 12.1288,
4.7310


 14.0787, 12.1288,
4.7310


211.2207,
205.2561, 156.0335


 8.2575, 6.8315,
2.0343


 32.8137, 29.7295,
15.6634


 4.3133, 3.3569,
0.5763

 46.4582, 42.8016,
24.7362

 1.8809, 1.3208,
0.0000

 63.4412, 59.2341,
36.7714

 0.5657, 0.1572,
0.0000

 84.1280, 79.4114,
52.1877

 0.0000, 0.0000,
0.0000

 108.8840,
103.7178, 71.4035

 138.0746,

132.5378, 94.8374

172.0650,
166.2558, 122.9079

■ 14.0787, 12.1288,
4.7310

■ 14.0787, 12.1288,
4.7310

■ 13.2183, 10.8197,
3.1752

■ 15.0989, 13.6172,
6.7732

■ 12.5066, 9.6803,
2.0626

■ 16.2873, 15.2904,
9.3384

■ 11.9321, 8.7024,
1.3438

■ 17.6526, 17.1558,
12.4606

■ 11.5678, 8.0631,
0.9466

■ 19.2024, 19.2197,
16.1706

■ 20.9442, 21.4882,
20.4968

■ 22.8847, 23.9671,
25.4660

■ 25.0303, 26.6619,
31.1031

■ 27.3874, 29.5779,
37.4321

■ 29.9618, 32.7204,
44.4754

Harmonies

Analogous

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



16.0932, 12.1288, 7.6929



14.0787, 12.1288, 4.7310



11.5873, 12.1288, 3.8474

Triad

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



14.0787, 12.1288, 4.7310



7.4655, 12.1288, 13.0376



13.9620, 12.1288, 28.6178

Complementary

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



14.0787, 12.1288, 4.7310



10.4626, 11.7883, 25.0165

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.



11.4690, 12.1288, 31.5681



14.0787, 12.1288, 4.7310



7.9199, 12.1288, 20.8725

Square

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



14.0787, 12.1288, 4.7310



7.9660, 12.1288, 7.4902



9.3057, 12.1288, 28.3352



16.0194, 12.1288, 21.2729

Rectangle

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



14.0787, 12.1288, 4.7310



10.0563, 12.1288, 4.1853



9.3057, 12.1288, 28.3352



13.1369, 12.1288, 30.2506

Sweetspot

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



14.0790, 12.1294, 4.7312



34.7513, 35.0660, 30.7330



13.7355, 8.5613, 13.4990



7.8756, 7.8949, 6.6939



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.



14.0790, 12.1294, 4.7312



22.7462, 18.2032, 4.6964



18.4050, 20.7815, 6.1732



5.1910, 5.3648, 5.3143



10.9573, 7.6490, 0.8989



0.0866, 0.0785, 0.0106

Inverse Universe

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



10.4626, 11.7883, 25.0165



15.7812, 17.4907, 43.5927



7.3990, 5.6611, 23.9953



5.0030, 5.3490, 6.3746



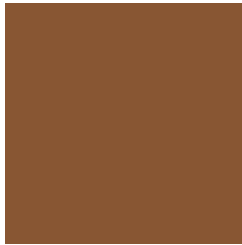
6.9301, 7.1305, 23.0568



0.0605, 0.0763, 0.1580

Previews

White Background



This preview shows how the XYZ color 14.0787, 12.1288, 4.7310 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 14.0787, 12.1288, 4.7310 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 14.0787, 12.1288, 4.7310

Background



This preview shows how black text looks on a background with the XYZ color 14.0787, 12.1288, 4.7310.



This preview shows how white text looks on a background with the XYZ color 14.0787, 12.1288,

4.7310.

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

14.0787, 12.1288, 4.7310

Protanopia

11.2416, 12.1993, 5.3766

Deuteranopia

12.3539, 12.1154, 4.5931



Tritanopia

15.2600, 12.1424, 10.7720

Trichromacy



Original Color

14.0787, 12.1288, 4.7310

Protanomaly

12.1398, 12.1233, 5.1902

Deuteranomaly

12.8361, 11.9782, 4.6531

Tritanomaly

14.6798, 12.0129, 8.2016

Monochromacy



Original Color

14.0787, 12.1288, 4.7310

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.9179, 11.7874, 9.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0787, 12.1288, 4.7310 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, 86, 51)` looks like.

```
.text, #text, p{  
    color:rgb(136, 86, 51)  
}
```

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, 86, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 86, 51) }
```

Border

The CSS property to change the border of an element to XYZ 14.0787, 12.1288, 4.7310 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, 86, 51) }
```


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

```
.border{ border-color:rgb(136, 86, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 86, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 86, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 86, 51);  
box-shadow:4px 4px 4px 4px rgb(136, 86,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0787, 12.1288, 4.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 86, 51) }
```

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

```
.background{ background-color: rgb(136, 86,  
51) }
```

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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