

Converting Colors

XYZ(14.1210, 12.8896, 4.2263)

Have a look what the booklet for
XYZ(14.1210, 12.8896, 4.2263)
contains.

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Color

**XYZ(14.1323, 12.9121,
4.2301)**

Conversions

Conversions Part 1

Format	Color
Hex	865C2D
RGB	134, 92, 45
RGB Percent	53%, 36%, 18%
CMY	0.4745, 0.6392, 0.8235
CMYK	0.00, 0.31, 0.66, 0.47
HSL	32°, 50%, 35%
HSV	32°, 66%, 53%
XYZ	14.1323, 12.9121, 4.2301
YIQ	99.2000, 40.1190, -5.7130

Conversions

Conversions Part 2

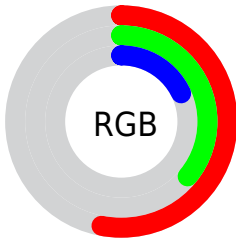
Format	Color
R _Y B	125, 134, 45
Decimal	8805421
CIE Lab	42.63, 12.17, 33.35
CIE LCh	43, 35.501, 69.952
Yxy	12.9121, 0.4519, 0.4129
Android (android.graphics.Color)	4286995501 (0xFF865C2D)
YUV	99.2000, -26.7206, 30.5196
Hunter-Lab	35.9334, 7.3190, 18.1737

Details

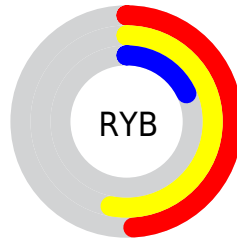
The XYZ color **14.1323, 12.9121, 4.2301** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.7933, 9.0951, 23.8461**, and the grayscale version is **11.9687, 12.5920, 13.7127**.

A 20% lighter version of the original color is **32.8840, 31.0835, 14.6225**, and **4.3703, 3.7033, 0.4845** is the 20% darker color. If you saturate the color by 10%, you get **13.3891, 11.7752, 2.9055**, and if you desaturate by 10%, it is **15.0038, 14.1746, 6.0020**.

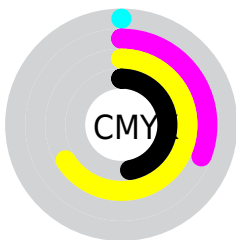
Distribution



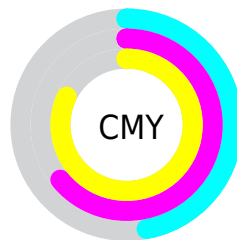
- Red (53%)
- Green (36%)
- Blue (18%)



- Red (49%)
- Yellow (53%)
- Blue (18%)



- Cyan (0%)
- Magenta (31%)
- Yellow (66%)
- Black (47%)





- Cyan (47%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.1323, 12.9121, 4.2301 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 14.1323, 12.9121, 4.2301 by changing the saturation by 10% instead.

 14.1323, 12.9121,
4.2301


 14.1323, 12.9121,
4.2301


211.5465,
210.3536, 150.7496


 8.2951, 7.3680,
1.7524


 32.9079, 31.1458,
14.5371


 4.3377, 3.6933,
0.3963

 46.5770, 44.6042,
23.2034

 1.8949, 1.5035,
0.0000

 63.5873, 61.4695,
34.7697

 0.5739, 0.2912,
0.0000

 84.3044, 82.1261,
49.6545

 0.0000, 0.0000,
0.0000

 109.0935,
106.9585, 68.2764

 138.3200,

136.3509, 91.0538

172.3492,
170.6878, 118.4054

■ 14.1323, 12.9121,
4.2301

■ 14.1323, 12.9121,
4.2301

■ 13.3891, 11.7752,
2.9055

■ 15.0038, 14.1746,
6.0020

■ 12.7641, 10.7564,
1.9844

■ 16.0107, 15.5656,
8.2576

■ 12.2426, 9.8485,
1.3936

■ 17.1606, 17.0904,
11.0307

■ 12.0700, 9.5454,
1.2063

■ 18.4604, 18.7532,
14.3515

■ 19.9162, 20.5582,
18.2481

■ 21.5338, 22.5091,
22.7465

■ 23.3187, 24.6097,
27.8712

■ 25.2762, 26.8634,
33.6453

■ 27.4113, 29.2737,
40.0906

Harmonies

Analogous

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



16.6796, 12.9121, 6.5312



14.1323, 12.9121, 4.2301



11.4002, 12.9121, 3.9344

Triad

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



14.1323, 12.9121, 4.2301



7.8507, 12.9121, 16.7776



15.9024, 12.9121, 28.7451

Complementary

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



14.1323, 12.9121, 4.2301



8.7933, 9.0951, 23.8461

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.



13.1883, 12.9121, 34.2770



14.1323, 12.9121, 4.2301



8.7194, 12.9121, 25.8771

Square

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



14.1323, 12.9121, 4.2301



8.0269, 12.9121, 9.5682



10.5836, 12.9121, 33.0694



17.8006, 12.9121, 19.7726

Rectangle

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



14.1323, 12.9121, 4.2301



9.8672, 12.9121, 4.7342



10.5836, 12.9121, 33.0694



15.0402, 12.9121, 31.1944

Sweetspot

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



14.1326, 12.9127, 4.2303



34.0249, 34.9118, 29.2643



12.5320, 7.6501, 10.0524



7.5283, 7.6951, 6.2261



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.1326, 12.9127, 4.2303



22.9773, 19.7623, 4.1688



18.5953, 22.1867, 5.7852



4.8610, 5.0655, 4.9509



11.3223, 8.9671, 1.1341



0.0465, 0.0457, 0.0064

Inverse Universe

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



8.7933, 9.0951, 23.8461



12.8343, 12.5252, 41.4796



6.3902, 4.1903, 23.0260



4.6022, 4.8800, 5.9001



5.7210, 4.9898, 21.7983



0.0270, 0.0317, 0.0779

Previews

White Background



This preview shows how the XYZ color 14.1323, 12.9121, 4.2301 looks on a white background.

Color Contrast Check

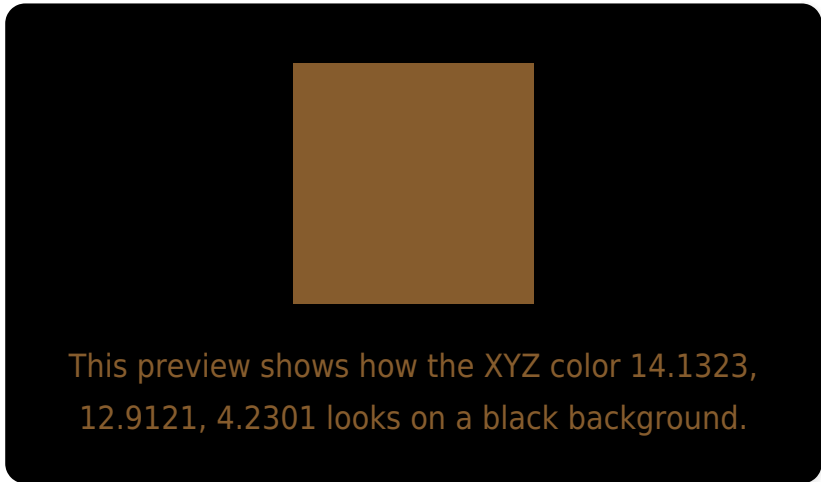
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.1323, 12.9121, 4.2301

Background



This preview shows how black text looks on a background with the XYZ color 14.1323, 12.9121, 4.2301.



This preview shows how white text looks on a background with the XYZ color 14.1323, 12.9121,

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

14.1323, 12.9121, 4.2301

Protanopia

11.8693, 12.9655, 4.6733

Deuteranopia

13.0949, 12.9076, 4.1841



Tritanopia

15.7005, 12.9251, 12.0232

Trichromacy



Original Color

14.1323, 12.9121, 4.2301

Protanomaly

12.6265, 12.9337, 4.5203

Deuteranomaly

13.4489, 12.9555, 4.1747

Tritanomaly

15.0302, 12.9008, 8.5354

Monochromacy



Original Color

14.1323, 12.9121, 4.2301

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.2762, 12.3750, 9.1387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1323, 12.9121, 4.2301 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(134, 92, 45)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 45)  
}
```

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(134, 92, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 45) }
```

Border

The CSS property to change the border of an element to XYZ 14.1323, 12.9121, 4.2301 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(134, 92, 45) }
```


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

```
.border{ border-color:rgb(134, 92, 45) }
```

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

Here you see how a box with a 4 pixel rgb(134, 92, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 45);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1323, 12.9121, 4.2301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 45) }
```

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

```
.background{ background-color: rgb(134, 92,  
45) }
```

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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