

Converting Colors

XYZ(14.9185, 12.0981, 4.6503)

Have a look what the booklet for
XYZ(14.9185, 12.0981, 4.6503)
contains.

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Color

**XYZ(14.9425, 12.1132,
4.6825)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5233
RGB	143, 82, 51
RGB Percent	56%, 32%, 20%
CMY	0.4392, 0.6784, 0.8000
CMYK	0.00, 0.43, 0.64, 0.44
HSL	20°, 47%, 38%
HSV	20°, 64%, 56%
XYZ	14.9425, 12.1132, 4.6825
YIQ	96.7050, 46.3070, 3.2910

Conversions

Conversions Part 2

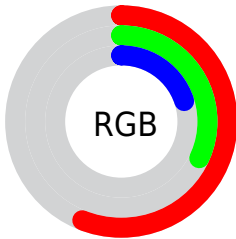
Format	Color
R_{YB}	143, 98, 51
Decimal	9392691
CIE _{Lab}	41.40, 22.46, 28.89
CIE _{LCh}	41, 36.592, 52.133
Yxy	12.1132, 0.4708, 0.3817
Android (android.graphics.Color)	4287582771 (0xFF8F5233)
YUV	96.7050, -22.5326, 40.6007
Hunter-Lab	34.8040, 15.7288, 16.3860

Details

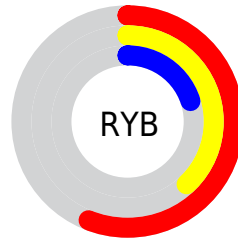
The XYZ color **14.9425, 12.1132, 4.6825** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **12.1170, 14.2746, 28.1031**, and the grayscale version is **11.3357, 11.9261, 12.9875**.

A 20% lighter version of the original color is **34.2753, 29.6637, 15.4744**, and **4.6883, 3.3496, 0.5717** is the 20% darker color. If you saturate the color by 10%, you get **14.0082, 10.6740, 3.0477**, and if you desaturate by 10%, it is **16.0732, 13.7901, 6.8615**.

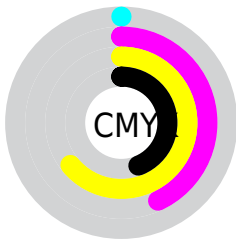
Distribution



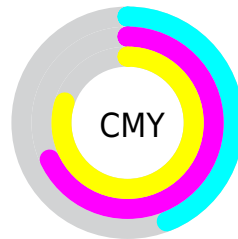
- Red (56%)
- Green (32%)
- Blue (20%)



- Red (56%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (43%)
- Yellow (64%)
- Black (44%)





- Cyan (44%)
- Magenta (68%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.9425, 12.1132, 4.6825 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 14.9425, 12.1132, 4.6825 by changing the saturation by 10% instead.


 14.9425, 12.1132,
4.6825


 14.9425, 12.1132,
4.6825


216.4132,
205.1533, 155.5336


 8.8651, 6.8208,
2.0067


 34.3248, 29.7011,
15.5555


 4.7097, 3.3503,
0.5594

 48.3603, 42.7654,
24.5898


 2.1110, 1.3172,
0.0000

 65.7793, 59.1892,
36.5808

 0.6952, 0.1545,
0.0000

 86.9471, 79.3568,
51.9469

 0.0000, 0.0000,
0.0000

 112.2290,
103.6526, 71.1067

 141.9905,

132.4610, 94.4787

176.5967,
166.1664, 122.4815

■ 14.9425, 12.1132,
4.6825

■ 14.9425, 12.1132,
4.6825

■ 14.0082, 10.6740,
3.0477

■ 16.0732, 13.7901,
6.8615

■ 13.2562, 9.4588,
1.9065

■ 17.4113, 15.7137,
9.6277

■ 12.6708, 8.4550,
1.1968

■ 18.9678, 17.8945,
13.0207

■ 12.3924, 7.9691,
0.8850

■ 20.7529, 20.3422,
17.0761

■ 22.7758, 23.0656,
21.8272

■ 25.0454, 26.0734,
27.3047

■ 27.5699, 29.3735,
33.5377

■ 30.3573, 32.9740,
40.5535

■ 33.4151, 36.8822,
48.3781

Harmonies

Analogous

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



16.9235, 12.1132, 8.4092



14.9425, 12.1132, 4.6825



12.2268, 12.1132, 3.3565

Triad

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



14.9425, 12.1132, 4.6825



7.1578, 12.1132, 11.2862



13.5472, 12.1132, 31.9145

Complementary

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



14.9425, 12.1132, 4.6825



12.1170, 14.2746, 28.1031

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.



10.8280, 12.1132, 33.6397



14.9425, 12.1132, 4.6825



7.3997, 12.1132, 19.5052

Square

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



14.9425, 12.1132, 4.6825



7.9328, 12.1132, 6.0924



8.6534, 12.1132, 28.4393



16.0355, 12.1132, 24.3631

Rectangle

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



14.9425, 12.1132, 4.6825



10.4725, 12.1132, 3.4330



8.6534, 12.1132, 28.4393



12.6207, 12.1132, 33.2879

Sweetspot

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



14.9428, 12.1138, 4.6827



38.8984, 38.7733, 34.6190



15.4547, 9.3846, 16.4236



8.7090, 8.6065, 7.4448



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.9428, 12.1138, 4.6827



24.4700, 18.1333, 4.4781



19.6009, 21.4301, 6.2354



5.5482, 5.7026, 5.6977



10.9751, 7.0820, 0.7885



0.1237, 0.1053, 0.0138

Inverse Universe

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



12.1170, 14.2746, 28.1031



18.9339, 22.1942, 49.8240



8.2910, 6.6226, 26.8277



5.4093, 5.8143, 6.8659



8.0067, 8.9994, 24.2921



0.0970, 0.1269, 0.2391

Previews

White Background



This preview shows how the XYZ color 14.9425, 12.1132, 4.6825 looks on a white background.

Color Contrast Check

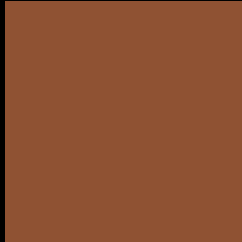
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9425, 12.1132, 4.6825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

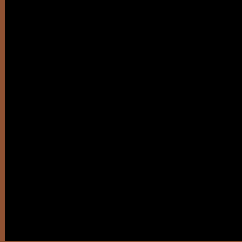
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9425, 12.1132, 4.6825

Background



This preview shows how black text looks on a background with the XYZ color 14.9425, 12.1132, 4.6825.



This preview shows how white text looks on a background with the XYZ color 14.9425, 12.1132,

4.6825.

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

14.9425, 12.1132, 4.6825

Protanopia

11.2905, 12.2189, 5.6343

Deuteranopia

12.3330, 12.1070, 4.4832



Tritanopia

16.0017, 12.1086, 9.8813

Trichromacy



Original Color

14.9425, 12.1132, 4.6825

Protanomaly

12.4019, 11.9951, 5.2761

Deuteranomaly

13.1800, 12.0336, 4.5338

Tritanomaly

15.4673, 11.9891, 7.6298

Monochromacy



Original Color

14.9425, 12.1132, 4.6825

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.2145, 11.8109, 9.2254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9425, 12.1132, 4.6825 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(143, 82, 51)` looks like.

```
.text, #text, p{  
    color:rgb(143, 82, 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(143, 82, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 82, 51) }
```

Border

The CSS property to change the border of an element to XYZ 14.9425, 12.1132, 4.6825 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(143, 82, 51) }
```


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

```
.border{ border-color:rgb(143, 82, 51) }
```

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

Here you see how a box with a 4 pixel rgb(143, 82, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 82, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 82, 51);  
box-shadow:4px 4px 4px 4px rgb(143, 82,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9425, 12.1132, 4.6825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 82, 51) }
```

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

```
.background{ background-color: rgb(143, 82,  
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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