

Converting Colors

XYZ(14.7322, 14.1492, 5.0866)

Have a look what the booklet for
XYZ(14.7322, 14.1492, 5.0866)
contains.

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Color

**XYZ(14.7322, 14.1492,
5.0866)**

Conversions

Conversions Part 1

Format	Color
Hex	856333
RGB	133, 99, 51
RGB Percent	52%, 39%, 20%
CMY	0.4784, 0.6118, 0.8000
CMYK	0.00, 0.26, 0.62, 0.48
HSL	35°, 45%, 36%
HSV	35°, 62%, 52%
XYZ	14.7322, 14.1492, 5.0866
YIQ	103.6940, 35.6720, -7.7200

Conversions

Conversions Part 2

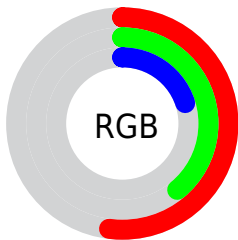
Format	Color
R_{YB}	109, 133, 51
Decimal	8741683
CIE _{Lab}	44.45, 8.04, 32.19
CIE _{LCh}	44, 33.176, 75.975
Yxy	14.1492, 0.4337, 0.4165
Android (android.graphics.Color)	4286931763 (0xFF856333)
YUV	103.6940, -25.9781, 25.7014
Hunter-Lab	37.6154, 4.0831, 18.3132

Details

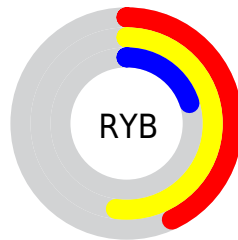
The XYZ color **14.7322, 14.1492, 5.0866** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.8472, 8.8939, 23.4405**, and the grayscale version is **13.1371, 13.8213, 15.0513**.

A 20% lighter version of the original color is **33.8975, 33.4049, 16.4656**, and **4.6033, 4.2604, 0.6946** is the 20% darker color. If you saturate the color by 10%, you get **13.9753, 13.0394, 3.5889**, and if you desaturate by 10%, it is **15.6094, 15.3653, 7.0387**.

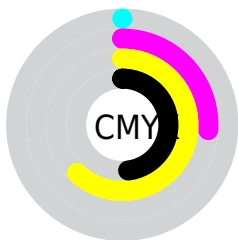
Distribution



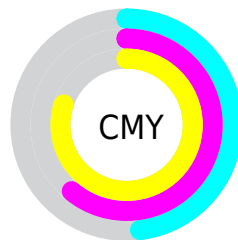
- Red (52%)
- Green (39%)
- Blue (20%)



- Red (43%)
- Yellow (52%)
- Blue (20%)



- Cyan (0%)
- Magenta (26%)
- Yellow (62%)
- Black (48%)





- Cyan (48%)
- Magenta (61%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7322, 14.1492, 5.0866 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 14.7322, 14.1492, 5.0866 by changing the saturation by 10% instead.


 14.7322, 14.1492,
5.0866


 14.7322, 14.1492,
5.0866


215.1602,
218.1570, 159.6300


 8.7167, 8.2245,
2.2385


 33.9582, 33.3535,
16.4470


 4.6125, 4.2389,
0.6965

 47.8995, 47.4020,
25.7964


 2.0542, 1.8081,
0.0000

 65.2134, 64.9271,
38.1500

 0.6641, 0.4922,
0.0000

 86.2653, 86.3133,
53.9264

 0.0000, 0.0000,
0.0000

 111.4206,
111.9450, 73.5440

 141.0446,

142.2066, 97.4214

175.5027,
177.4825, 125.9772

■ 14.7322, 14.1492,
5.0866

■ 14.7322, 14.1492,
5.0866

■ 13.9753, 13.0394,
3.5889

■ 15.6094, 15.3653,
7.0387

■ 13.3296, 12.0295,
2.5056

■ 16.6130, 16.6896,
9.4789

■ 12.7860, 11.1153,
1.7913

■ 17.7500, 18.1265,
12.4385

■ 12.3871, 10.4152,
1.3575

■ 19.0264, 19.6794,
15.9461

■ 20.4477, 21.3516,
20.0282

■ 22.0193, 23.1462,
24.7093

■ 23.7461, 25.0662,
30.0129

■ 25.6328, 27.1144,
35.9608

■ 27.6841, 29.2935,
42.5740

Harmonies

Analogous

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



17.3439, 14.1492, 7.0638



14.7322, 14.1492, 5.0866



12.0835, 14.1492, 5.1487

Triad

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



14.7322, 14.1492, 5.0866



9.0895, 14.1492, 19.8203



17.4907, 14.1492, 28.0598

Complementary

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



14.7322, 14.1492, 5.0866



8.8472, 8.8939, 23.4405

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.



14.9124, 14.1492, 34.3208



14.7322, 14.1492, 5.0866



10.1848, 14.1492, 28.5911

Square

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



14.7322, 14.1492, 5.0866



9.0547, 14.1492, 12.1085



12.2414, 14.1492, 34.5423



19.0735, 14.1492, 19.2538

Rectangle

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



14.7322, 14.1492, 5.0866



10.6507, 14.1492, 6.3034



12.2414, 14.1492, 34.5423



16.6975, 14.1492, 30.6434

Sweetspot

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



14.7325, 14.1499, 5.0869



34.8694, 36.1898, 30.8128



12.5030, 8.0128, 9.5169



7.7155, 7.9866, 6.5441



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.



14.7325, 14.1499, 5.0869



24.5381, 22.6013, 5.5603



17.6138, 21.4622, 6.3464



4.8821, 5.1078, 4.9580



11.8071, 9.9369, 1.2957



0.0481, 0.0489, 0.0069

Inverse Universe

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



8.8472, 8.8939, 23.4405



13.0617, 12.3809, 41.4397



7.1528, 4.9558, 22.7697



4.5813, 4.8383, 5.8932



5.3480, 4.2438, 21.6740



0.0254, 0.0285, 0.0774

Previews

White Background



This preview shows how the XYZ color 14.7322, 14.1492, 5.0866 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 14.7322, 14.1492, 5.0866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

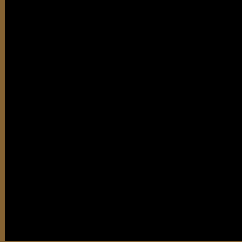
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.7322, 14.1492, 5.0866

Background



This preview shows how black text looks on a background with the XYZ color 14.7322, 14.1492, 5.0866.



This preview shows how white text looks on a background with the XYZ color 14.7322, 14.1492,

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

14.7322, 14.1492, 5.0866

Protanopia

12.9991, 14.2781, 5.4390

Deuteranopia

14.3606, 14.0992, 5.0965



Tritanopia

16.5798, 14.0867, 14.1571

Trichromacy



Original Color

14.7322, 14.1492, 5.0866

Protanomaly

13.4961, 14.0860, 5.2564

Deuteranomaly

14.5148, 14.1787, 5.1037

Tritanomaly

15.8069, 14.0432, 10.0611

Monochromacy



Original Color

14.7322, 14.1492, 5.0866

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.4613, 13.8035, 10.5492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7322, 14.1492, 5.0866 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(133, 99, 51)` looks like.

```
.text, #text, p{  
    color:rgb(133, 99, 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(133, 99, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 99, 51) }
```

Border

The CSS property to change the border of an element to XYZ 14.7322, 14.1492, 5.0866 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(133, 99, 51) }
```


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

```
.border{ border-color:rgb(133, 99, 51) }
```

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

Here you see how a box with a 4 pixel rgb(133, 99, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 99, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 99, 51);  
box-shadow:4px 4px 4px 4px rgb(133, 99,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7322, 14.1492, 5.0866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 99, 51) }
```

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

```
.background{ background-color: rgb(133, 99,  
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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