

Converting Colors

XYZ(14.3099, 19.3404, 1.1082)

Have a look what the booklet for
XYZ(14.3099, 19.3404, 1.1082)
contains.

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Color

**XYZ(14.6647, 19.4100,
2.9736)**

Conversions

Conversions Part 1

Format	Color
Hex	708200
RGB	112, 130, 0
RGB Percent	44%, 51%, 0%
CMY	0.5608, 0.4902, 1.0000
CMYK	0.14, 0.00, 1.00, 0.49
HSL	68°, 100%, 25%
HSV	68°, 100%, 51%
XYZ	14.6647, 19.4100, 2.9736
YIQ	109.7980, 31.0020, -44.2460

Conversions

Conversions Part 2

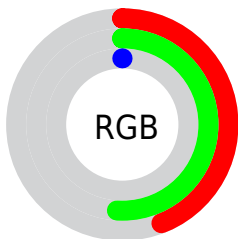
Format	Color
RYB	0, 130, 18
Decimal	7373312
CIELab	51.16, -21.32, 55.57
CIELCh	51, 59.521, 110.994
Yxy	19.4100, 0.3958, 0.5239
Android (android.graphics.Color)	4285563392 (0xFF708200)
YUV	109.7980, -54.1304, 1.9312
Hunter-Lab	44.0568, -17.6840, 26.8380

Details

The XYZ color **14.6647, 19.4100, 2.9736** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.2793, 1.7407, 21.2307**, and the grayscale version is **14.9078, 15.6842, 17.0801**.

A 20% lighter version of the original color is **33.8532, 42.4758, 11.5687**, and **4.8059, 6.8455, 1.0680** is the 20% darker color. If you saturate the color by 10%, you get **14.6649, 19.4108, 2.9737**, and if you desaturate by 10%, it is **14.9692, 19.5592, 3.3674**.

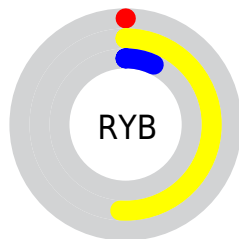
Distribution



Red (44%)

Green (51%)

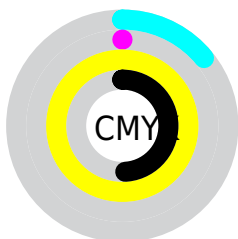
Blue (0%)



Red (0%)

Yellow (51%)

Blue (7%)

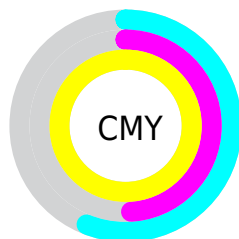


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (56%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6647, 19.4100, 2.9736 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 14.6647, 19.4100, 2.9736 by changing the saturation by 10% instead.

■ 14.6647, 19.4100,
2.9736

■ 14.6647, 19.4100,
2.9736

214.7565,
248.7029, 136.0237

■ 8.6692, 11.9669,
1.0812

■ 33.8404, 42.4258,
11.5632

■ 4.5814, 6.7211,
0.0000

■ 47.7513, 58.7672,
19.0975

■ 2.0360, 3.2883,
0.0000

■ 65.0313, 78.8436,
29.3495

■ 0.6541, 1.2841,
0.0000

■ 86.0459, 103.0393,
42.7377


■ 0.0000, 0.1288,
0.0000


■ 111.1603,
131.7387, 59.6807


■ 0.0000, 0.0000,
0.0000


■ 140.7400,


165.3261, 80.5970


 175.1503,
204.1861, 105.9051


 14.6647, 19.4100,
2.9736


 14.6647, 19.4100,
2.9736


 14.6649, 19.4108,
2.9737

 14.9692, 19.5592,
3.3674

 15.3191, 19.7265,
3.9780

 15.7396, 19.9225,
4.9362

 16.2386, 20.1504,
6.2836

 16.8230, 20.4130,
8.0561

■ 17.4988, 20.7128,
10.2855

■ 18.2715, 21.0519,
13.0005

■ 19.1462, 21.4322,
16.2276

■ 20.1275, 21.8558,
19.9912

Harmonies

Analogous

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



20.2878, 19.4100, 2.5221



14.6647, 19.4100, 2.9736



10.9436, 19.4100, 6.5427

Triad

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



14.6647, 19.4100, 2.9736



12.1734, 19.4100, 57.9207



32.1244, 19.4100, 26.6571

Complementary

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



14.6647, 19.4100, 2.9736



4.2793, 1.7407, 21.2307

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.



28.7792, 19.4100, 48.9974



14.6647, 19.4100, 2.9736



16.7241, 19.4100, 72.4276

Square

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



14.6647, 19.4100, 2.9736



9.7336, 19.4100, 35.0921



22.8332, 19.4100, 68.4967



31.2423, 19.4100, 11.4765

Rectangle

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



14.6647, 19.4100, 2.9736



9.6457, 19.4100, 12.1984



22.8332, 19.4100, 68.4967



31.4345, 19.4100, 33.6232

Sweetspot

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



14.6651, 19.4109, 2.9740



32.0767, 37.0287, 22.5370



9.4123, 5.1577, 0.4997



7.1489, 8.3324, 4.7039



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.



14.6651, 19.4109, 2.9740



25.7335, 34.1351, 5.2324



9.1867, 16.5867, 2.7176



4.6087, 4.9902, 4.6404



14.0648, 18.6131, 2.8514



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.2793, 1.7407, 21.2307



7.4563, 3.0242, 37.3832



7.5388, 3.4211, 21.3833



4.1600, 4.2381, 5.4120



4.1066, 1.6707, 20.3560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.6647, 19.4100, 2.9736 looks on a white 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

Black Background



This preview shows how the XYZ color 14.6647, 19.4100, 2.9736 looks on a black 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

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

XYZ 14.6647, 19.4100, 2.9736

Background



This preview shows how black text looks on a background with the XYZ color 14.6647, 19.4100, 2.9736.



This preview shows how white text looks on a background with the XYZ color 14.6647, 19.4100,

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

14.6647, 19.4100, 2.9736

Protanopia

17.2761, 19.2374, 2.8027

Deuteranopia

19.7166, 19.4187, 3.4681



Tritanopia

18.8927, 19.4240, 23.8726

Trichromacy



Original Color

14.6647, 19.4100, 2.9736

Protanomaly

16.2357, 19.2564, 2.8611

Deuteranomaly

17.5641, 19.1954, 3.1948

Tritanomaly

16.2402, 18.8914, 10.9741

Monochromacy



Original Color

14.6647, 19.4100, 2.9736

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.0223, 16.5443, 8.2487

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6647, 19.4100, 2.9736 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(112, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 130, 0)  
}
```

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(112, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 130, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.6647, 19.4100, 2.9736 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(112, 130, 0) }
```


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

```
.border{ border-color:rgb(112, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 130,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6647, 19.4100, 2.9736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 130, 0) }
```

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

```
.background{ background-color: rgb(112,  
130, 0) }
```

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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