

Converting Colors

XYZ(14.0317, 18.5402, 1.2398)

Have a look what the booklet for
XYZ(14.0317, 18.5402, 1.2398)
contains.

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Color

**XYZ(14.2715, 18.6235,
2.8425)**

Conversions

Conversions Part 1

Format	Color
Hex	707F00
RGB	112, 127, 0
RGB Percent	44%, 50%, 0%
CMY	0.5608, 0.5019, 1.0000
CMYK	0.12, 0.00, 1.00, 0.50
HSL	67°, 100%, 25%
HSV	67°, 100%, 50%
XYZ	14.2715, 18.6235, 2.8425
YIQ	108.0370, 31.8270, -42.6770

Conversions

Conversions Part 2

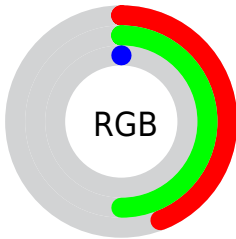
Format	Color
RYB	0, 127, 15
Decimal	7372544
CIELab	50.24, -19.78, 54.88
CIELCh	50, 58.338, 109.819
Yxy	18.6235, 0.3993, 0.5211
Android (android.graphics.Color)	4285562624 (0xFF707F00)
YUV	108.0370, -53.2622, 3.4756
Hunter-Lab	43.1550, -16.4906, 26.3032

Details

The XYZ color **14.2715, 18.6235, 2.8425** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.0283, 1.6342, 20.1829**, and the grayscale version is **14.4035, 15.1536, 16.5023**.

A 20% lighter version of the original color is **33.2117, 41.2397, 11.2106**, and **4.5879, 6.4094, 0.9953** is the 20% darker color. If you saturate the color by 10%, you get **14.2718, 18.6243, 2.8426**, and if you desaturate by 10%, it is **14.5352, 18.7519, 3.2244**.

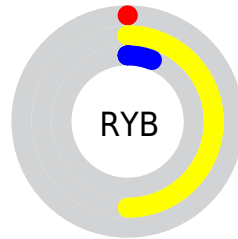
Distribution



Red (44%)

Green (50%)

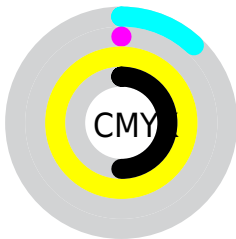
Blue (0%)



Red (0%)

Yellow (50%)

Blue (6%)

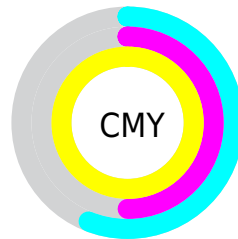


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2715, 18.6235, 2.8425 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 14.2715, 18.6235, 2.8425 by changing the saturation by 10% instead.

■ 14.2715, 18.6235,
2.8425

■ 14.2715, 18.6235,
2.8425

212.3903,
244.3623, 134.3287

■ 8.3927, 11.3985,
1.0148

■ 33.1522, 41.0969,
11.2373

■ 4.4012, 6.3356,
0.0000

■ 46.8849, 57.1142,
18.6414

■ 1.9315, 3.0502,
0.0000

■ 63.9662, 76.8310,
28.7414

■ 0.5950, 1.1580,
0.0000

■ 84.7616, 100.6318,
41.9558


■ 0.0000, 0.0270,
0.0000


■ 109.6363,
128.9009, 58.7032


■ 0.0000, 0.0000,
0.0000


■ 138.9558,


162.0228, 79.4022


 173.0853,
200.3818, 104.4711


 14.2715, 18.6235,
2.8425


 14.2715, 18.6235,
2.8425


 14.2718, 18.6243,
2.8426

 14.5352, 18.7519,
3.2244

 14.8400, 18.8965,
3.8082

 15.2107, 19.0677,
4.7217

 15.6546, 19.2686,
6.0041

 16.1782, 19.5018,
7.6892

■ 16.7871, 19.7695,
9.8070

■ 17.4867, 20.0738,
12.3845

■ 18.2815, 20.4165,
15.4467

■ 19.1760, 20.7996,
19.0167

Harmonies

Analogous

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



19.6890, 18.6235, 2.4933



14.2715, 18.6235, 2.8425



10.6384, 18.6235, 6.1108

Triad

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



14.2715, 18.6235, 2.8425



11.5830, 18.6235, 54.4869



30.6714, 18.6235, 26.2813

Complementary

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



14.2715, 18.6235, 2.8425



4.0283, 1.6342, 20.1829

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.



27.3516, 18.6235, 47.6594



14.2715, 18.6235, 2.8425



15.8516, 18.6235, 68.8135

Square

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



14.2715, 18.6235, 2.8425



9.3302, 18.6235, 32.7425



21.6403, 18.6235, 65.8073



29.9958, 18.6235, 11.4620

Rectangle

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



14.2715, 18.6235, 2.8425



9.3456, 18.6235, 11.3360



21.6403, 18.6235, 65.8073



29.9624, 18.6235, 32.9978

Sweetspot

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



14.2719, 18.6244, 2.8429



31.2170, 35.9039, 21.8155



8.9213, 4.8490, 0.4660



7.2011, 8.3594, 4.7063



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.



14.2719, 18.6244, 2.8429



25.4748, 33.3080, 5.0864



8.8416, 15.8249, 2.5888



4.6169, 4.9945, 4.6408



14.3919, 18.7817, 2.8667



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.0283, 1.6342, 20.1829



7.1401, 2.8884, 36.1375



6.9994, 3.1659, 20.3220



4.1524, 4.2342, 5.4117



4.0615, 1.6475, 20.3539



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2715, 18.6235, 2.8425 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 14.2715, 18.6235, 2.8425 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 14.2715, 18.6235, 2.8425

Background



This preview shows how black text looks on a background with the XYZ color 14.2715, 18.6235, 2.8425.



This preview shows how white text looks on a background with the XYZ color 14.2715, 18.6235,

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

14.2715, 18.6235, 2.8425

Protanopia

16.7081, 18.5838, 2.7064

Deuteranopia

18.8030, 18.4437, 3.2784



Tritanopia

18.3352, 18.6267, 22.7076

Trichromacy



Original Color

14.2715, 18.6235, 2.8425

Protanomaly

15.8354, 18.6779, 2.7706

Deuteranomaly

16.8676, 18.3043, 3.0248

Tritanomaly

15.7938, 18.1204, 10.4497

Monochromacy



Original Color

14.2715, 18.6235, 2.8425

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.5116, 15.9423, 7.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2715, 18.6235, 2.8425 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, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 127, 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, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 127, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2715, 18.6235, 2.8425 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, 127, 0) }
```


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

```
.border{ border-color:rgb(112, 127, 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, 127, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 127,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2715, 18.6235, 2.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 127, 0) }
```

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

```
.background{ background-color: rgb(112,  
127, 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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