

Converting Colors

XYZ(11.4260, 14.2644, 1.2852)

Have a look what the booklet for
XYZ(11.4260, 14.2644, 1.2852)
contains.

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Color

**XYZ(11.5198, 14.2160,
2.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6E00
RGB	106, 110, 0
RGB Percent	42%, 43%, 0%
CMY	0.5843, 0.5686, 1.0000
CMYK	0.04, 0.00, 1.00, 0.57
HSL	62°, 100%, 22%
HSV	62°, 100%, 43%
XYZ	11.5198, 14.2160, 2.1368
YIQ	96.2640, 32.9260, -35.0580

Conversions

Conversions Part 2

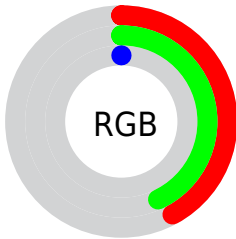
Format	Color
RYB	0, 110, 4
Decimal	6974976
CIELab	44.54, -13.51, 50.43
CIELCh	45, 52.213, 104.998
Yxy	14.2160, 0.4133, 0.5100
Android (android.graphics.Color)	4285165056 (0xFF6A6E00)
YUV	96.2640, -47.4582, 8.5385
Hunter-Lab	37.7041, -11.4448, 23.0327

Details

The XYZ color **11.5198, 14.2160, 2.1368** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2.8649, 1.1519, 14.8240**, and the grayscale version is **11.2892, 11.8771, 12.9341**.

A 20% lighter version of the original color is **28.0844, 33.3002, 9.3623**, and **3.3531, 4.3672, 0.6662** is the 20% darker color. If you saturate the color by 10%, you get **11.5201, 14.2166, 2.1369**, and if you desaturate by 10%, it is **11.6282, 14.2654, 2.4574**.

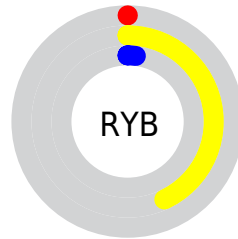
Distribution



Red (42%)

Green (43%)

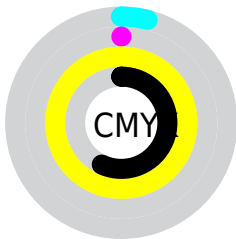
Blue (0%)



Red (0%)

Yellow (43%)

Blue (2%)

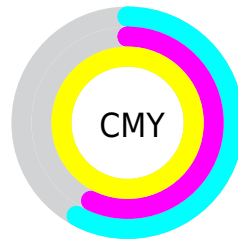


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (58%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5198, 14.2160, 2.1368 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 11.5198, 14.2160, 2.1368 by changing the saturation by 10% instead.

■ 11.5198, 14.2160,
2.1368

■ 11.5198, 14.2160,
2.1368

■ 195.0353,
218.5705, 124.4661

■ 6.4875, 8.2711,
0.6375

■ 28.2420, 33.4718,
9.4115

■ 3.1871, 4.2689,
0.0000

■ 40.6625, 47.5514,
16.0596

■ 1.2535, 1.8251,
0.0000

■ 56.2764, 65.1114,
25.2729

■ 0.1480, 0.5027,
0.0000

■ 75.4492, 86.5362,
37.4699


■ 0.0000, 0.0000,
0.0000


■ 98.5461, 112.2100,
53.0692


■ 125.9325,


142.5175, 72.4893


 157.9738,
177.8428, 96.1487


 11.5198, 14.2160,
2.1368


 11.5198, 14.2160,
2.1368


 11.5201, 14.2166,
2.1369

 11.6282, 14.2654,
2.4574

 11.7606, 14.3239,
2.9043

 11.9384, 14.4006,
3.5897

 12.1669, 14.4976,
4.5406

 12.4505, 14.6166,
5.7805

■ 12.7932, 14.7593,
7.3300

■ 13.1984, 14.9271,
9.2083

■ 13.6697, 15.1213,
11.4326

■ 14.2099, 15.3431,
14.0191

Harmonies

Analogous

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



15.7220, 14.2160, 2.1369



11.5198, 14.2160, 2.1368



8.5501, 14.2160, 4.1783

Triad

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



11.5198, 14.2160, 2.1368



8.5498, 14.2160, 38.3970



22.9577, 14.2160, 22.3038

Complementary

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



11.5198, 14.2160, 2.1368



2.8649, 1.1519, 14.8240

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.



20.0964, 14.2160, 38.3994



11.5198, 14.2160, 2.1368



11.5193, 14.2160, 50.5019

Square

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



11.5198, 14.2160, 2.1368



7.0941, 14.2160, 22.3015



15.7213, 14.2160, 50.5029



22.9579, 14.2160, 10.2123

Rectangle

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



11.5198, 14.2160, 2.1368



7.4136, 14.2160, 7.5906



15.7213, 14.2160, 50.5029



22.2760, 14.2160, 27.5182

Sweetspot

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



11.5201, 14.2167, 2.1371



23.1163, 26.1881, 15.8829



6.4707, 3.3949, 0.3144



5.3254, 6.0718, 3.4448



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.5201, 14.2167, 2.1371



20.2082, 24.9544, 3.7516



6.9586, 11.8651, 1.9236



3.6305, 3.9103, 3.6368



13.8331, 17.0749, 2.5667



68.7449, 84.9733, 12.7783

Inverse Universe

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



2.8649, 1.1519, 14.8240



5.0078, 2.0106, 26.0314



4.5989, 2.0458, 14.9052



3.2278, 3.3057, 4.2222



3.4357, 1.3806, 17.8070



16.9553, 6.7951, 88.6971

Previews

White Background



This preview shows how the XYZ color 11.5198, 14.2160, 2.1368 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 11.5198, 14.2160, 2.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

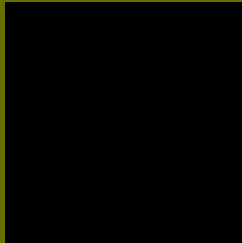
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.5198, 14.2160, 2.1368

Background



This preview shows how black text looks on a background with the XYZ color 11.5198, 14.2160, 2.1368.



This preview shows how white text looks on a background with the XYZ color 11.5198, 14.2160,

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

11.5198, 14.2160, 2.1368

Protanopia

12.7618, 14.2300, 2.0740

Deuteranopia

14.3312, 14.1414, 2.5045



Tritanopia

14.5053, 14.2059, 16.7294

Trichromacy



Original Color

11.5198, 14.2160, 2.1368

Protanomaly

12.1971, 14.0928, 2.0773

Deuteranomaly

13.1791, 14.1357, 2.3505

Tritanomaly

12.7126, 13.9249, 7.8121

Monochromacy



Original Color

11.5198, 14.2160, 2.1368

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.7515, 12.3536, 6.2327

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5198, 14.2160, 2.1368 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(106, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(106, 110, 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(106, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 11.5198, 14.2160, 2.1368 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(106, 110, 0) }
```


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

```
.border{ border-color:rgb(106, 110, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(106, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5198, 14.2160, 2.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 110, 0) }
```

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

```
.background{ background-color: rgb(106,  
110, 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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