

Converting Colors

XYZ(13.9599, 14.7149, 2.4357)

Have a look what the booklet for
XYZ(13.9599, 14.7149, 2.4357)
contains.

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Color

**XYZ(14.0141, 14.7165,
2.4186)**

Conversions

Conversions Part 1

Format	Color
Hex	80690B
RGB	128, 105, 11
RGB Percent	50%, 41%, 4%
CMY	0.4980, 0.5882, 0.9568
CMYK	0.00, 0.18, 0.91, 0.50
HSL	48°, 84%, 27%
HSV	48°, 91%, 50%
XYZ	14.0141, 14.7165, 2.4186
YIQ	101.1610, 43.8820, -24.3580

Conversions

Conversions Part 2

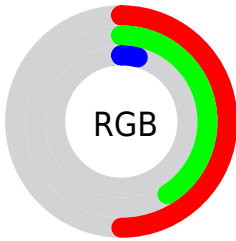
Format	Color
RYB	40, 128, 11
Decimal	8415499
CIELab	45.24, 0.17, 49.37
CIELCh	45, 49.371, 89.807
Yxy	14.7165, 0.4499, 0.4725
Android (android.graphics.Color)	4286605579 (0xFF80690B)
YUV	101.1610, -44.4494, 23.5378
Hunter-Lab	38.3621, -1.9256, 23.1154

Details

The XYZ color **14.0141, 14.7165, 2.4186** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.6065, 2.7739, 20.7146**, and the grayscale version is **12.5152, 13.1670, 14.3388**.

A 20% lighter version of the original color is **32.6688, 34.3725, 10.2229**, and **4.4147, 4.5220, 0.6401** is the 20% darker color. If you saturate the color by 10%, you get **13.7364, 14.2579, 2.0281**, and if you desaturate by 10%, it is **14.3769, 15.2784, 3.0449**.

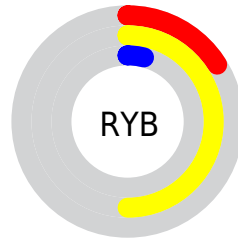
Distribution



Red (50%)

Green (41%)

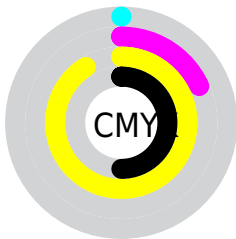
Blue (4%)



Red (16%)

Yellow (50%)

Blue (4%)

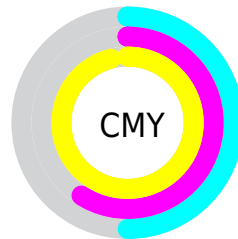


Cyan (0%)

Magenta (18%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (59%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0141, 14.7165, 2.4186 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 14.0141, 14.7165, 2.4186 by changing the saturation by 10% instead.

■ 14.0141, 14.7165,
2.4186

■ 14.0141, 14.7165,
2.4186

210.8274,
221.6438, 128.5713

■ 8.2122, 8.6207,
0.7965

■ 32.7001, 34.3551,
10.1565

■ 4.2840, 4.4946,
0.0000

■ 46.3150, 48.6666,
17.1190

■ 1.8640, 1.9539,
0.0000

■ 63.2648, 66.4854,
26.7019

■ 0.5558, 0.5805,
0.0000


■ 83.9151, 88.1961,
39.3237


■ 0.0000, 0.0000,
0.0000


■ 108.6312,
114.1828, 55.4030


■ 137.7783,


144.8301, 75.3584


 171.7219,
180.5223, 99.6083


 14.0141, 14.7165,
2.4186


 14.0141, 14.7165,
2.4186


 13.7364, 14.2579,
2.0281

 14.3769, 15.2784,
3.0449

 14.8096, 15.8798,
4.0026

 15.3203, 16.5248,
5.3331

 15.9157, 17.2161,
7.0715

 16.6018, 17.9562,
9.2487

■ 17.3840, 18.7474,
11.8930

■ 18.2671, 19.5918,
15.0300

■ 19.2559, 20.4911,
18.6834

■ 20.3546, 21.4474,
22.8757

Harmonies

Analogous

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



18.3175, 14.7165, 3.3901



14.0141, 14.7165, 2.4186



10.4379, 14.7165, 3.3632

Triad

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



14.0141, 14.7165, 2.4186



8.2230, 14.7165, 29.9941



21.9267, 14.7165, 30.1942

Complementary

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



14.0141, 14.7165, 2.4186



4.6065, 2.7739, 20.7146

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.



18.2626, 14.7165, 44.5096



14.0141, 14.7165, 2.4186



10.4002, 14.7165, 44.3599

Square

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



14.0141, 14.7165, 2.4186



7.5158, 14.7165, 15.9480



13.9611, 14.7165, 50.6474



23.3950, 14.7165, 16.0998

Rectangle

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



14.0141, 14.7165, 2.4186



8.8083, 14.7165, 5.4549



13.9611, 14.7165, 50.6474



20.8798, 14.7165, 35.3469

Sweetspot

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



14.0144, 14.7172, 2.4189



31.1736, 33.5586, 22.9228



9.3164, 4.9465, 2.0080



7.1993, 7.7607, 5.0185



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.



14.0144, 14.7172, 2.4189



24.0843, 24.9016, 3.5371



12.2839, 17.7845, 3.1021



4.5958, 4.8803, 4.6199



13.6216, 14.1397, 2.0113



0.0000, 0.0000, 0.0000

Inverse Universe

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



4.6065, 2.7739, 20.7146



7.3923, 3.8086, 36.3018



5.1475, 2.3813, 20.6103



4.1720, 4.3381, 5.4307



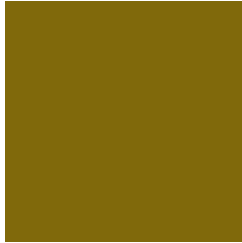
4.2124, 2.2433, 20.4609



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0141, 14.7165, 2.4186 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 14.0141, 14.7165, 2.4186 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 14.0141, 14.7165, 2.4186

Background



This preview shows how black text looks on a background with the XYZ color 14.0141, 14.7165, 2.4186.



This preview shows how white text looks on a background with the XYZ color 14.0141, 14.7165,

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

14.0141, 14.7165, 2.4186

Protanopia

13.3141, 14.8166, 2.5060

Deuteranopia

14.9909, 14.7715, 2.5130



Tritanopia

16.7490, 14.8236, 15.3431

Trichromacy



Original Color

14.0141, 14.7165, 2.4186

Protanomaly

13.6362, 14.8270, 2.4910

Deuteranomaly

14.6024, 14.7187, 2.4868

Tritanomaly

15.3067, 14.6678, 7.9857

Monochromacy



Original Color

14.0141, 14.7165, 2.4186

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.3503, 13.2996, 7.3850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0141, 14.7165, 2.4186 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(128, 105, 11)` looks like.

```
.text, #text, p{  
    color:rgb(128, 105, 11)  
}
```

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(128, 105, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 105, 11) }
```

Border

The CSS property to change the border of an element to XYZ 14.0141, 14.7165, 2.4186 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(128, 105, 11) }
```


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

```
.border{ border-color:rgb(128, 105, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 105, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 105, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 105, 11);  
box-shadow:4px 4px 4px 4px rgb(128, 105,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0141, 14.7165, 2.4186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 105, 11) }
```

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

```
.background{ background-color: rgb(128,  
105, 11) }
```

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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