

Converting Colors

XYZ(13.7301, 14.2451, 0.0000)

Have a look what the booklet for
XYZ(13.7301, 14.2451, 0.0000)
contains.

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Color

**XYZ(14.1114, 14.3280,
2.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	836600
RGB	131, 102, 0
RGB Percent	51%, 40%, 0%
CMY	0.4863, 0.6000, 1.0000
CMYK	0.00, 0.22, 1.00, 0.49
HSL	47°, 100%, 26%
HSV	47°, 100%, 51%
XYZ	14.1114, 14.3280, 2.0218
YIQ	99.0430, 50.0260, -25.5740

Conversions

Conversions Part 2

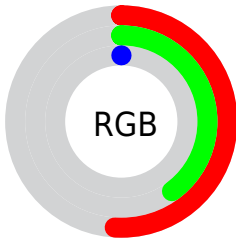
Format	Color
RYB	37, 131, 0
Decimal	8611328
CIELab	44.70, 3.12, 51.69
CIELCh	45, 51.788, 86.546
Yxy	14.3280, 0.4633, 0.4704
Android (android.graphics.Color)	4286801408 (0xFF836600)
YUV	99.0430, -48.8282, 28.0263
Hunter-Lab	37.8523, 0.3034, 23.3298

Details

The XYZ color **14.1114, 14.3280, 2.0218** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.5361, 2.5174, 21.7193**, and the grayscale version is **11.9814, 12.6054, 13.7273**.

A 20% lighter version of the original color is **32.9459, 33.8001, 9.0626**, and **4.4747, 4.4061, 0.6146** is the 20% darker color. If you saturate the color by 10%, you get **14.1116, 14.3285, 2.0219**, and if you desaturate by 10%, it is **14.4750, 14.9380, 2.5047**.

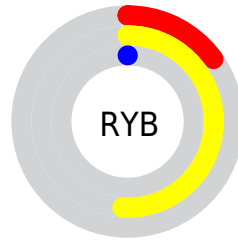
Distribution



Red (51%)

Green (40%)

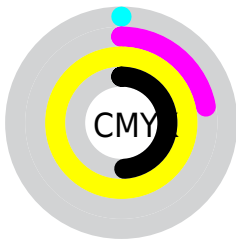
Blue (0%)



Red (15%)

Yellow (51%)

Blue (0%)

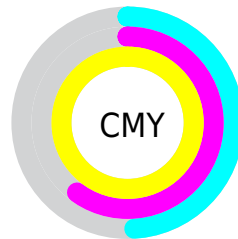


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1114, 14.3280, 2.0218 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 14.1114, 14.3280, 2.0218 by changing the saturation by 10% instead.

■ 14.1114, 14.3280,
2.0218

■ 14.1114, 14.3280,
2.0218

■ 211.4195,
219.2619, 122.7144

■ 8.2804, 8.3491,
0.5686

■ 32.8712, 33.6699,
9.1003

■ 4.3282, 4.3192,
0.0000

■ 46.5307, 47.8017,
15.6144

■ 1.8894, 1.8537,
0.0000

■ 63.5304, 65.4200,
24.6697

■ 0.5707, 0.5203,
0.0000


■ 84.2356, 86.9091,
36.6849


■ 0.0000, 0.0000,
0.0000


■ 109.0118,
112.6535, 52.0784


■ 138.2243,


143.0375, 71.2688


 172.2384,
178.4455, 94.6746


 14.1114, 14.3280,
2.0218


 14.1114, 14.3280,
2.0218


 14.1116, 14.3285,
2.0219

 14.4750, 14.9380,
2.5047

 14.8905, 15.5843,
3.2126

 15.3833, 16.2778,
4.2771

 15.9615, 17.0219,
5.7410

 16.6322, 17.8196,
7.6409

■ 17.4016, 18.6735,
10.0090

■ 18.2754, 19.5860,
12.8748

■ 19.2588, 20.5593,
16.2651

■ 20.3566, 21.5956,
20.2051

Harmonies

Analogous

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



18.5805, 14.3280, 3.1577



14.1114, 14.3280, 2.0218



10.3145, 14.3280, 2.7006

Triad

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



14.1114, 14.3280, 2.0218



7.5895, 14.3280, 28.4089



21.5409, 14.3280, 32.1676

Complementary

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



14.1114, 14.3280, 2.0218



4.5361, 2.5174, 21.7193

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.



17.5615, 14.3280, 46.8438



14.1114, 14.3280, 2.0218



9.6291, 14.3280, 43.9992

Square

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



14.1114, 14.3280, 2.0218



7.0361, 14.3280, 14.2465



13.1369, 14.3280, 52.0175



23.3903, 14.3280, 17.0382

Rectangle

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



14.1114, 14.3280, 2.0218



8.5511, 14.3280, 4.4782



13.1369, 14.3280, 52.0175



20.3726, 14.3280, 37.5657

Sweetspot

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



14.1117, 14.3287, 2.0221



32.6127, 34.9576, 22.6693



9.6017, 4.9220, 1.7108



7.4573, 7.9992, 4.8270



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.



14.1117, 14.3287, 2.0221



25.1539, 25.4250, 3.5818



12.9472, 18.7229, 2.9316



4.9546, 5.2528, 4.9821



13.8929, 14.1084, 1.9910



0.0535, 0.0596, 0.0087

Inverse Universe

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



4.5361, 2.5174, 21.7193



8.0237, 4.3091, 38.8620



4.7877, 1.9950, 21.6052



4.5119, 4.6995, 5.8700



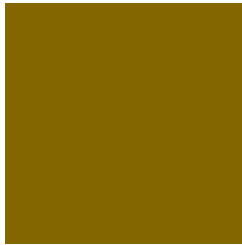
4.4668, 2.4814, 21.3802



0.0201, 0.0178, 0.0756

Previews

White Background



This preview shows how the XYZ color 14.1114, 14.3280, 2.0218 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 14.1114, 14.3280, 2.0218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

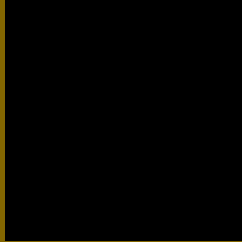
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1114, 14.3280, 2.0218

Background



This preview shows how black text looks on a background with the XYZ color 14.1114, 14.3280, 2.0218.



This preview shows how white text looks on a background with the XYZ color 14.1114, 14.3280,

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

14.1114, 14.3280, 2.0218

Protanopia

12.9326, 14.3143, 2.2536

Deuteranopia

14.5235, 14.3910, 2.2133



Tritanopia

16.6438, 14.3780, 14.4684

Trichromacy



Original Color

14.1114, 14.3280, 2.0218

Protanomaly

13.3857, 14.3970, 2.1883

Deuteranomaly

14.3485, 14.3027, 2.1193

Tritanomaly

15.1533, 14.1854, 6.9404

Monochromacy



Original Color

14.1114, 14.3280, 2.0218

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

12.0099, 12.8527, 6.5505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1114, 14.3280, 2.0218 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(131, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 102, 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(131, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 102, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.1114, 14.3280, 2.0218 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(131, 102, 0) }
```


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

```
.border{ border-color:rgb(131, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 102,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1114, 14.3280, 2.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 102, 0) }
```

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

```
.background{ background-color: rgb(131,  
102, 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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