

Converting Colors

XYZ(13.7517, 14.9735, 2.1797)

Have a look what the booklet for
XYZ(13.7517, 14.9735, 2.1797)
contains.

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Color

**XYZ(13.8255, 15.0873,
2.2122)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7D6C01 |
| RGB | 125, 108, 1 |
| RGB Percent | 49%, 42%, 0% |
| CMY | 0.5098, 0.5765, 0.9961 |
| CMYK | 0.00, 0.14, 0.99, 0.51 |
| HSL | 52°, 98%, 25% |
| HSV | 52°, 99%, 49% |
| XYZ | 13.8255, 15.0873, 2.2122 |
| YIQ | 100.8850, 44.4790, -29.6730 |

Conversions

Conversions Part 2

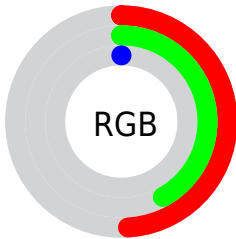
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 21, 125, 1 |
| Decimal | 8219649 |
| CIE _{Lab} | 45.75, -3.22, 51.90 |
| CIE _{LCh} | 46, 51.998, 93.553 |
| Yxy | 15.0873, 0.4442, 0.4847 |
| Android (android.graphics.Color) | 4286409729 (0xFF7D6C01) |
| YUV | 100.8850, -49.2433, 21.1489 |
| Hunter-Lab | 38.8424, -4.4391, 23.8129 |

Details

The XYZ color **13.8255, 15.0873, 2.2122** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.9306, 1.9199, 19.5653**, and the grayscale version is **12.4555, 13.1042, 14.2705**.

A 20% lighter version of the original color is **32.3237, 34.9678, 9.6033**, and **4.3412, 4.7152, 0.6813** is the 20% darker color. If you saturate the color by 10%, you get **13.8058, 15.0567, 2.1786**, and if you desaturate by 10%, it is **14.0788, 15.4812, 2.6443**.

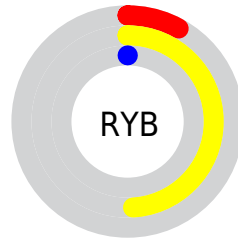
Distribution



Red (49%)

Green (42%)

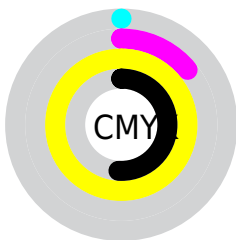
Blue (0%)



Red (8%)

Yellow (49%)

Blue (0%)

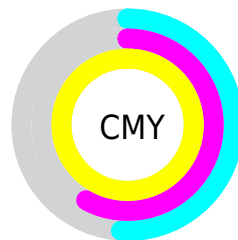


Cyan (0%)

Magenta (14%)

Yellow (99%)

Black (51%)



Cyan (51%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.8255, 15.0873, 2.2122 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 13.8255, 15.0873, 2.2122 by changing the saturation by 10% instead.

■ 13.8255, 15.0873,
2.2122

■ 13.8255, 15.0873,
2.2122

209.6750,
223.8940, 125.5894

■ 8.0803, 8.8807,
0.6814

■ 32.3679, 35.0063,
9.6132

■ 4.1986, 4.6634,
0.0000

■ 45.8959, 49.4874,
16.3473

■ 1.8151, 2.0512,
0.0000

■ 62.7488, 67.4955,
25.6618

■ 0.5267, 0.6370,
0.0000


■ 83.2920, 89.4149,
37.9752


■ 0.0000, 0.0000,
0.0000


■ 107.8908,
115.6301, 53.7061


■ 136.9107,


146.5254, 73.2731


 170.7170,
182.4852, 97.0947


 13.8255, 15.0873,
2.2122


 13.8255, 15.0873,
2.2122


 13.8058, 15.0567,
2.1786

 14.0788, 15.4812,
2.6443

 14.3754, 15.8976,
3.2886

 14.7367, 16.3455,
4.2552

 15.1695, 16.8279,
5.5814

 15.6802, 17.3473,
7.2992

■ 16.2741, 17.9057,
9.4371

■ 16.9561, 18.5053,
12.0211

■ 17.7307, 19.1478,
15.0750

■ 18.6023, 19.8350,
18.6208

Harmonies

Analogous

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



18.4180, 15.0873, 2.9275



13.8255, 15.0873, 2.2122



10.1786, 15.0873, 3.4257

Triad

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



13.8255, 15.0873, 2.2122



8.4147, 15.0873, 33.6440



23.2572, 15.0873, 29.6473

Complementary

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



13.8255, 15.0873, 2.2122



3.9306, 1.9199, 19.5653

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.



19.5045, 15.0873, 45.7563



13.8255, 15.0873, 2.2122



10.9134, 15.0873, 48.7730

Square

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



13.8255, 15.0873, 2.2122



7.4814, 15.0873, 17.9647



14.8672, 15.0873, 54.0609



24.4695, 15.0873, 14.9806

Rectangle

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



13.8255, 15.0873, 2.2122



8.5865, 15.0873, 5.8763



14.8672, 15.0873, 54.0609



22.2181, 15.0873, 35.2755

Sweetspot

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



13.8258, 15.0880, 2.2125



30.1669, 32.9694, 20.7651



8.5911, 4.4309, 1.0460



6.7641, 7.4143, 4.3499



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.8258, 15.0880, 2.2125



24.6450, 26.8072, 3.8754



10.7843, 16.4454, 2.6348



4.6167, 4.9221, 4.6269



14.4055, 15.7074, 2.2726



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.9306, 1.9199, 19.5653



6.9228, 3.2396, 35.0048



4.7687, 2.0470, 19.5457



4.1527, 4.2995, 5.4243



4.0714, 1.9612, 20.4139



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.8255, 15.0873, 2.2122 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 13.8255, 15.0873, 2.2122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

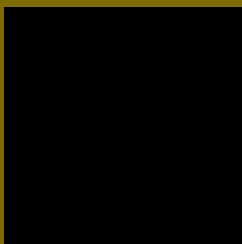
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.8255, 15.0873, 2.2122

Background



This preview shows how black text looks on a background with the XYZ color 13.8255, 15.0873, 2.2122.



This preview shows how white text looks on a background with the XYZ color 13.8255, 15.0873,

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

13.8255, 15.0873, 2.2122

Protanopia

13.6535, 15.1548, 2.2917

Deuteranopia

15.2394, 15.0479, 2.4821



Tritanopia

16.6240, 15.0223, 16.2108

Trichromacy



Original Color

13.8255, 15.0873, 2.2122

Protanomaly

13.7918, 15.2267, 2.2696

Deuteranomaly

14.7737, 15.1094, 2.3962

Tritanomaly

14.9777, 14.7973, 7.6970

Monochromacy



Original Color

13.8255, 15.0873, 2.2122

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.3349, 13.5973, 6.9754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.8255, 15.0873, 2.2122 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(125, 108, 1)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 1)  
}
```

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(125, 108, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 1) }
```

Border

The CSS property to change the border of an element to XYZ 13.8255, 15.0873, 2.2122 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(125, 108, 1) }
```


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

```
.border{ border-color:rgb(125, 108, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 108, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 1);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
1) }
```

Background

The CSS property to change the background color of an element to XYZ 13.8255, 15.0873, 2.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 1) }
```

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

```
.background{ background-color: rgb(125,  
108, 1) }
```

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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