

Converting Colors

XYZ(15.0172, 15.3883, 2.1787)

Have a look what the booklet for
XYZ(15.0172, 15.3883, 2.1787)
contains.

XYZ(14.9856, 15.3764, 2.1781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9856, 15.3764,
2.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	866A00
RGB	134, 106, 0
RGB Percent	53%, 42%, 0%
CMY	0.4745, 0.5843, 1.0000
CMYK	0.00, 0.21, 1.00, 0.47
HSL	47°, 100%, 26%
HSV	47°, 100%, 53%
XYZ	14.9856, 15.3764, 2.1781
YIQ	102.2880, 50.7140, -27.0300

Conversions

Conversions Part 2

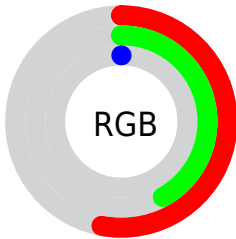
Format	Color
RYB	35, 134, 0
Decimal	8808960
CIELab	46.15, 2.25, 52.86
CIELCh	46, 52.903, 87.566
Yxy	15.3764, 0.4605, 0.4725
Android (android.graphics.Color)	4286999040 (0xFF866A00)
YUV	102.2880, -50.4280, 27.8114
Hunter-Lab	39.2128, -0.4065, 24.1556

Details

The XYZ color **14.9856, 15.3764, 2.1781** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **4.7184, 2.5519, 22.7981**, and the grayscale version is **12.8240, 13.4919, 14.6927**.

A 20% lighter version of the original color is **34.3851, 35.5272, 9.4600**, and **4.8722, 4.8334, 0.6761** is the 20% darker color. If you saturate the color by 10%, you get **14.9858, 15.3769, 2.1782**, and if you desaturate by 10%, it is **15.3545, 15.9938, 2.6725**.

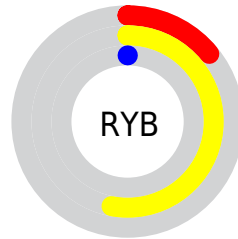
Distribution



Red (53%)

Green (42%)

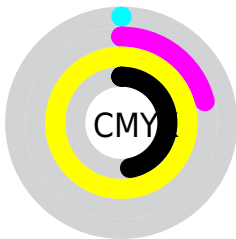
Blue (0%)



Red (14%)

Yellow (53%)

Blue (0%)

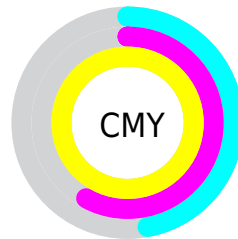


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (47%)



Cyan (47%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9856, 15.3764, 2.1781 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 14.9856, 15.3764, 2.1781 by changing the saturation by 10% instead.

■ 14.9856, 15.3764,
2.1781

■ 14.9856, 15.3764,
2.1781

216.6691,
225.6333, 125.0838

■ 8.8955, 9.0840,
0.6617

■ 34.3998, 35.5122,
9.5222

■ 4.7297, 4.7960,
0.0000

■ 48.4546, 50.1243,
16.2176

■ 2.1227, 2.1281,
0.0000

■ 65.8950, 68.2784,
25.4865

■ 0.7015, 0.6803,
0.0000


■ 87.0865, 90.3590,
37.7476


■ 0.0000, 0.0000,
0.0000


■ 112.3942,
116.7504, 53.4193


■ 142.1837,


147.8369, 72.9202


 176.8202,
184.0031, 96.6688


 14.9856, 15.3764,
2.1781


 14.9856, 15.3764,
2.1781


 14.9858, 15.3769,
2.1782

 15.3545, 15.9938,
2.6725

 15.7776, 16.6475,
3.4069

 16.2809, 17.3486,
4.5164

 16.8731, 18.1008,
6.0461

 17.5615, 18.9071,
8.0349

■ 18.3529, 19.7704,
10.5169

■ 19.2532, 20.6931,
13.5233

■ 20.2678, 21.6775,
17.0826

■ 21.4019, 22.7259,
21.2211

Harmonies

Analogous

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



19.7682, 15.3764, 3.3223



14.9856, 15.3764, 2.1781



10.9627, 15.3764, 2.9767

Triad

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



14.9856, 15.3764, 2.1781



8.2042, 15.3764, 31.0406



23.2091, 15.3764, 33.8755

Complementary

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



14.9856, 15.3764, 2.1781



4.7184, 2.5519, 22.7981

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.



18.9994, 15.3764, 49.7520



14.9856, 15.3764, 2.1781



10.4453, 15.3764, 47.6069

Square

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



14.9856, 15.3764, 2.1781



7.5583, 15.3764, 15.7111



14.2502, 15.3764, 55.7510



25.0855, 15.3764, 17.8176

Rectangle

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



14.9856, 15.3764, 2.1781



9.1102, 15.3764, 4.9649



14.2502, 15.3764, 55.7510



21.9826, 15.3764, 39.6687

Sweetspot

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



14.9859, 15.3772, 2.1784



33.8108, 36.3479, 23.4454



10.0538, 5.1573, 1.6304



7.4856, 8.0559, 4.8365



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.



14.9859, 15.3772, 2.1784



26.2921, 26.8697, 3.8006



13.3527, 19.5389, 3.0678



4.9594, 5.2623, 4.9837



14.0517, 14.4260, 2.0439



0.0538, 0.0602, 0.0088

Inverse Universe

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



4.7184, 2.5519, 22.7981



8.2194, 4.3083, 40.1368



5.1014, 2.1329, 22.6970



4.5075, 4.6907, 5.8686



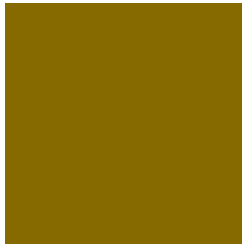
4.4285, 2.4048, 21.3675



0.0198, 0.0172, 0.0755

Previews

White Background



This preview shows how the XYZ color 14.9856, 15.3764, 2.1781 looks on a white background.

Color Contrast Check

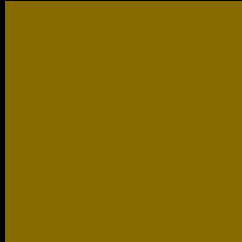
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9856, 15.3764, 2.1781 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 14.9856, 15.3764, 2.1781

Background



This preview shows how black text looks on a background with the XYZ color 14.9856, 15.3764, 2.1781.



This preview shows how white text looks on a background with the XYZ color 14.9856, 15.3764,

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

14.9856, 15.3764, 2.1781

Protanopia

13.9210, 15.4501, 2.4207

Deuteranopia

15.6416, 15.4071, 2.3792



Tritanopia

17.7108, 15.4533, 15.6850

Trichromacy



Original Color

14.9856, 15.3764, 2.1781

Protanomaly

14.3926, 15.5352, 2.3549

Deuteranomaly

15.3955, 15.4325, 2.3109

Tritanomaly

16.0810, 15.2264, 7.4016

Monochromacy



Original Color

14.9856, 15.3764, 2.1781

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.7438, 13.6596, 6.9659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9856, 15.3764, 2.1781 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(134, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(134, 106, 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(134, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 106, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.9856, 15.3764, 2.1781 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(134, 106, 0) }
```


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

```
.border{ border-color:rgb(134, 106, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(134, 106,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9856, 15.3764, 2.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 106, 0) }
```

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

```
.background{ background-color: rgb(134,  
106, 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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