

Converting Colors

XYZ(14.0888, 15.8498, 2.9786)

Have a look what the booklet for
XYZ(14.0888, 15.8498, 2.9786)
contains.

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Color

**XYZ(14.0888, 15.8498,
2.9786)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7014
RGB	123, 112, 20
RGB Percent	48%, 44%, 8%
CMY	0.5176, 0.5608, 0.9216
CMYK	0.00, 0.09, 0.84, 0.52
HSL	54°, 72%, 28%
HSV	54°, 84%, 48%
XYZ	14.0888, 15.8498, 2.9786
YIQ	104.8010, 36.0880, -26.2800

Conversions

Conversions Part 2

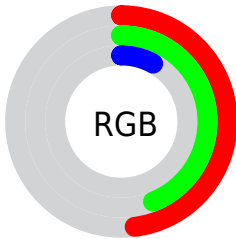
Format	Color
R_{YB}	32, 123, 20
Decimal	8089620
CIE _{Lab}	46.78, -5.97, 47.97
CIE _{LCh}	47, 48.344, 97.099
Yxy	15.8498, 0.4280, 0.4815
Android (android.graphics.Color)	4286279700 (0xFF7B7014)
YUV	104.8010, -41.8069, 15.9605
Hunter-Lab	39.8118, -6.5022, 23.4324

Details

The XYZ color **14.0888, 15.8498, 2.9786** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **4.3537, 2.5588, 19.0031**, and the grayscale version is **13.4765, 14.1783, 15.4402**.

A 20% lighter version of the original color is **32.6599, 36.1404, 11.5578**, and **4.4888, 5.1202, 0.7517** is the 20% darker color. If you saturate the color by 10%, you get **13.8612, 15.5292, 2.4881**, and if you desaturate by 10%, it is **14.3737, 16.1979, 3.7572**.

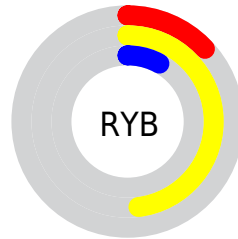
Distribution



Red (48%)

Green (44%)

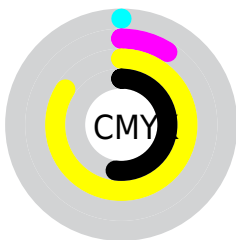
Blue (8%)



Red (13%)

Yellow (48%)

Blue (8%)

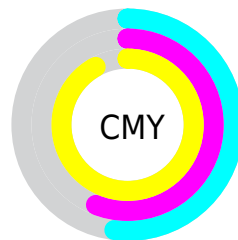


Cyan (0%)

Magenta (9%)

Yellow (84%)

Black (52%)



Cyan (52%)


Magenta (56%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0888, 15.8498, 2.9786 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 14.0888, 15.8498, 2.9786 by changing the saturation by 10% instead.


 14.0888, 15.8498,
2.9786


 14.0888, 15.8498,
2.9786


211.2821,
228.4538, 136.0876


 8.2646, 9.4179,
1.0837


 32.8315, 36.3373,
11.5756


 4.3179, 5.0148,
0.0000

 46.4806, 51.1616,
19.1148


 1.8835, 2.2559,
0.0000

 63.4687, 69.5523,
29.3725

 0.5672, 0.7502,
0.0000

 84.1613, 91.8936,
42.7672

 0.0000, 0.0000,
0.0000

 108.9235,
118.5701, 59.7176

 138.1208,

149.9660, 80.6421

172.1186,
186.4657, 105.9592

14.0888, 15.8498,
2.9786

14.0888, 15.8498,
2.9786

13.8612, 15.5292,
2.4881

14.3737, 16.1979,
3.7572

13.7300, 15.3343,
2.2362

14.7230, 16.5746,
4.8661

15.1433, 16.9830,
6.3383

15.6400, 17.4255,
8.2027

16.2182, 17.9040,
10.4851

■ 16.8822, 18.4202,
13.2093

■ 17.6364, 18.9760,
16.3973

■ 18.4846, 19.5729,
20.0694

■ 19.4303, 20.2123,
24.2450

Harmonies

Analogous

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



18.4304, 15.8498, 3.5184



14.0888, 15.8498, 2.9786



10.7003, 15.8498, 4.6040

Triad

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



14.0888, 15.8498, 2.9786



9.4987, 15.8498, 35.3018



23.7941, 15.8498, 27.9113

Complementary

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



14.0888, 15.8498, 2.9786



4.3537, 2.5588, 19.0031

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.



20.4789, 15.8498, 43.0530



14.0888, 15.8498, 2.9786



12.1360, 15.8498, 48.5263

Square

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



14.0888, 15.8498, 2.9786



8.3888, 15.8498, 20.2761



16.0848, 15.8498, 51.8788



24.5819, 15.8498, 14.5549

Rectangle

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



14.0888, 15.8498, 2.9786



9.2515, 15.8498, 7.4977



16.0848, 15.8498, 51.8788



22.9119, 15.8498, 33.1130

Sweetspot

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



14.0892, 15.8506, 2.9789



29.9967, 32.8074, 22.6763



8.6795, 4.8158, 1.8400



6.9815, 7.6626, 4.9977



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.



14.0892, 15.8506, 2.9789



24.5250, 27.3358, 3.9837



10.8224, 16.0789, 3.1952



4.2730, 4.5643, 4.2803



14.2014, 15.8587, 2.3125



67.3681, 74.8997, 10.9064

Inverse Universe

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



4.3537, 2.5588, 19.0031



6.6050, 2.9665, 33.7811



5.6579, 2.8752, 18.9955



3.8289, 3.9561, 5.0050



3.8468, 1.7760, 19.5253



18.0329, 7.8385, 93.0323

Previews

White Background



This preview shows how the XYZ color 14.0888, 15.8498, 2.9786 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 14.0888, 15.8498, 2.9786 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 14.0888, 15.8498, 2.9786

Background



This preview shows how black text looks on a background with the XYZ color 14.0888, 15.8498, 2.9786.



This preview shows how white text looks on a background with the XYZ color 14.0888, 15.8498,

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

14.0888, 15.8498, 2.9786

Protanopia

14.2682, 15.7794, 2.9555

Deuteranopia

16.0317, 15.7445, 3.0582



Tritanopia

17.0809, 15.8163, 17.4818

Trichromacy



Original Color

14.0888, 15.8498, 2.9786

Protanomaly

14.1229, 15.7045, 2.9487

Deuteranomaly

15.3487, 15.8553, 3.0620

Tritanomaly

15.4214, 15.5919, 9.5939

Monochromacy



Original Color

14.0888, 15.8498, 2.9786

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.2807, 14.6643, 8.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0888, 15.8498, 2.9786 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(123, 112, 20)` looks like.

```
.text, #text, p{  
    color:rgb(123, 112, 20)  
}
```

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(123, 112, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 112, 20) }
```

Border

The CSS property to change the border of an element to XYZ 14.0888, 15.8498, 2.9786 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(123, 112, 20) }
```


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

```
.border{ border-color:rgb(123, 112, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 112, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 112, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 112, 20);  
box-shadow:4px 4px 4px 4px rgb(123, 112,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0888, 15.8498, 2.9786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 112, 20) }
```

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

```
.background{ background-color: rgb(123,  
112, 20) }
```

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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