

Converting Colors

XYZ(14.1345, 15.8663, 1.6863)

Have a look what the booklet for
XYZ(14.1345, 15.8663, 1.6863)
contains.

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Color

**XYZ(14.2516, 15.9483,
2.3272)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7000
RGB	125, 112, 0
RGB Percent	49%, 44%, 0%
CMY	0.5098, 0.5608, 1.0000
CMYK	0.00, 0.10, 1.00, 0.51
HSL	54°, 100%, 25%
HSV	54°, 100%, 49%
XYZ	14.2516, 15.9483, 2.3272
YIQ	103.1190, 43.7000, -32.0760

Conversions

Conversions Part 2

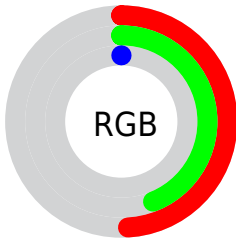
Format	Color
RYB	15, 125, 0
Decimal	8220672
CIELab	46.91, -5.52, 52.96
CIELCh	47, 53.243, 95.949
Yxy	15.9483, 0.4381, 0.4903
Android (android.graphics.Color)	4286410752 (0xFF7D7000)
YUV	103.1190, -50.8377, 19.1896
Hunter-Lab	39.9353, -6.1860, 24.4996

Details

The XYZ color **14.2516, 15.9483, 2.3272** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.8457, 1.7686, 19.5405**, and the grayscale version is **13.0465, 13.7260, 14.9476**.

A 20% lighter version of the original color is **33.0227, 36.3659, 9.8363**, and **4.5628, 5.1583, 0.7552** is the 20% darker color. If you saturate the color by 10%, you get **14.2518, 15.9489, 2.3273**, and if you desaturate by 10%, it is **14.4659, 16.2658, 2.7415**.

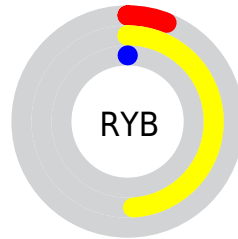
Distribution



Red (49%)

Green (44%)

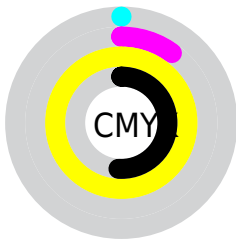
Blue (0%)



Red (6%)

Yellow (49%)

Blue (0%)

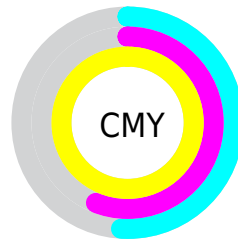


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2516, 15.9483, 2.3272 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 14.2516, 15.9483, 2.3272 by changing the saturation by 10% instead.

■ 14.2516, 15.9483,
2.3272

■ 14.2516, 15.9483,
2.3272

212.2699,
229.0365, 127.2669

■ 8.3787, 9.4876,
0.7464

■ 33.1173, 36.5084,
9.9175

■ 4.3921, 5.0606,
0.0000

■ 46.8409, 51.3766,
16.7800

■ 1.9262, 2.2828,
0.0000

■ 63.9121, 69.8161,
26.2455

■ 0.5920, 0.7646,
0.0000

■ 84.6963, 92.2112,
38.7326


■ 0.0000, 0.0000,
0.0000


■ 109.5588,
118.9465, 54.6597


■ 138.8650,


150.4061, 74.4454


 172.9803,
186.9747, 98.5083


 14.2516, 15.9483,
2.3272


 14.2516, 15.9483,
2.3272


 14.2518, 15.9489,
2.3273

 14.4659, 16.2658,
2.7415

 14.7184, 16.6012,
3.3487

 15.0335, 16.9650,
4.2745

 15.4181, 17.3600,
5.5566

 15.8785, 17.7887,
7.2273

■ 16.4202, 18.2533,
9.3156

■ 17.0481, 18.7557,
11.8474

■ 17.7668, 19.2979,
14.8467

■ 18.5804, 19.8814,
18.3357

Harmonies

Analogous

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



19.0966, 15.9483, 2.9163



14.2516, 15.9483, 2.3272



10.4973, 15.9483, 3.7998

Triad

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



14.2516, 15.9483, 2.3272



9.0178, 15.9483, 37.1205



24.8622, 15.9483, 30.0116

Complementary

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



14.2516, 15.9483, 2.3272



3.8457, 1.7686, 19.5405

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.



21.0281, 15.9483, 47.3848



14.2516, 15.9483, 2.3272



11.8026, 15.9483, 52.7513

Square

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



14.2516, 15.9483, 2.3272



7.8986, 15.9483, 20.1527



16.1028, 15.9483, 57.2410



25.8873, 15.9483, 14.8470

Rectangle

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



14.2516, 15.9483, 2.3272



8.8983, 15.9483, 6.6210



16.1028, 15.9483, 57.2410



23.8258, 15.9483, 35.9808

Sweetspot

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



14.2520, 15.9491, 2.3275



30.4417, 33.5191, 20.8567



8.5408, 4.3934, 0.8346



6.8332, 7.5526, 4.3730



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.



14.2520, 15.9491, 2.3275



25.4599, 28.4369, 4.1470



10.4011, 16.2484, 2.5883



4.6284, 4.9455, 4.6308



14.8719, 16.6401, 2.4280



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.8457, 1.7686, 19.5405



6.8288, 3.0514, 34.9734



4.9169, 2.1073, 19.5494



4.1421, 4.2782, 5.4207



4.0107, 1.8398, 20.3937



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.2516, 15.9483, 2.3272 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 14.2516, 15.9483, 2.3272 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 14.2516, 15.9483, 2.3272

Background



This preview shows how black text looks on a background with the XYZ color 14.2516, 15.9483, 2.3272.



This preview shows how white text looks on a background with the XYZ color 14.2516, 15.9483,

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

14.2516, 15.9483, 2.3272

Protanopia

14.3984, 16.0240, 2.3341

Deuteranopia

16.2178, 16.0025, 2.6495



Tritanopia

17.3907, 15.9760, 17.4963

Trichromacy



Original Color

14.2516, 15.9483, 2.3272

Protanomaly

14.3984, 16.0240, 2.3341

Deuteranomaly

15.4035, 15.8957, 2.5148

Tritanomaly

15.4483, 15.6374, 8.1654

Monochromacy



Original Color

14.2516, 15.9483, 2.3272

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

12.6929, 14.0809, 7.2032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2516, 15.9483, 2.3272 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, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 112, 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(125, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.2516, 15.9483, 2.3272 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, 112, 0) }
```


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

```
.border{ border-color:rgb(125, 112, 0) }
```

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

Here you see how a box with a 4 pixel rgb(125, 112, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2516, 15.9483, 2.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 112, 0) }
```

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

```
.background{ background-color: rgb(125,  
112, 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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