

Converting Colors

XYZ(15.2632, 17.9822, 2.6665)

Have a look what the booklet for
XYZ(15.2632, 17.9822, 2.6665)
contains.

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Color

**XYZ(15.2948, 18.0347,
2.6749)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7900
RGB	125, 121, 0
RGB Percent	49%, 47%, 0%
CMY	0.5098, 0.5255, 1.0000
CMYK	0.00, 0.03, 1.00, 0.51
HSL	58°, 100%, 25%
HSV	58°, 100%, 49%
XYZ	15.2948, 18.0347, 2.6749
YIQ	108.4020, 41.2250, -36.7830

Conversions

Conversions Part 2

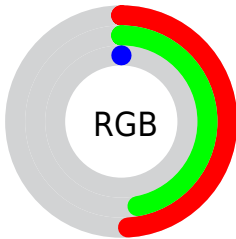
Format	Color
R_{YB}	4, 125, 0
Decimal	8222976
CIE Lab	49.54, -10.53, 54.86
CIE LCh	50, 55.858, 100.868
Yxy	18.0347, 0.4248, 0.5009
Android (android.graphics.Color)	4286413056 (0xFF7D7900)
YUV	108.4020, -53.4422, 14.5564
Hunter-Lab	42.4673, -10.0301, 25.9926

Details

The XYZ color **15.2948, 18.0347, 2.6749** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7452, 1.5676, 19.5070**, and the grayscale version is **14.5052, 15.2606, 16.6188**.

A 20% lighter version of the original color is **34.9250, 40.0811, 10.7462**, and **5.0550, 6.1428, 0.9193** is the 20% darker color. If you saturate the color by 10%, you get **15.2951, 18.0355, 2.6751**, and if you desaturate by 10%, it is **15.4133, 18.1607, 3.0573**.

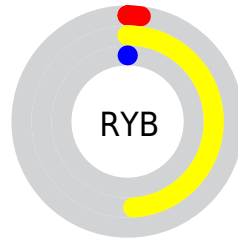
Distribution



Red (49%)

Green (47%)

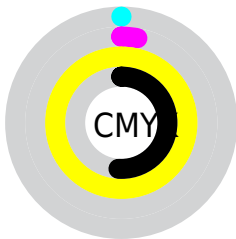
Blue (0%)



Red (2%)

Yellow (49%)

Blue (0%)

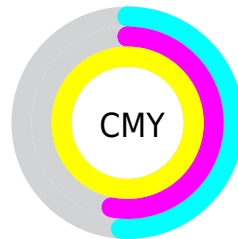


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2948, 18.0347, 2.6749 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 15.2948, 18.0347, 2.6749 by changing the saturation by 10% instead.

■ 15.2948, 18.0347,
2.6749

■ 15.2948, 18.0347,
2.6749

218.4969,
241.0666, 132.1058

■ 9.1142, 10.9749,
0.9308

■ 34.9369, 40.0964,
10.8151

■ 4.8735, 6.0500,
0.0000

■ 49.1292, 55.8672,
18.0486

■ 2.2072, 2.8755,
0.0000

■ 66.7227, 75.3104,
27.9492

■ 0.7465, 1.0671,
0.0000


■ 88.0829, 98.8104,
40.9352


■ 0.0000, 0.0000,
0.0000


■ 113.5750,
126.7516, 57.4254


■ 143.5645,


159.5184, 77.8382


 178.4167,
197.4953, 102.5921


 15.2948, 18.0347,
2.6749


 15.2948, 18.0347,
2.6749


 15.2951, 18.0355,
2.6751

 15.4133, 18.1607,
3.0573

 15.5682, 18.3008,
3.6320

 15.7837, 18.4655,
4.5246

 16.0669, 18.6576,
5.7728

 16.4240, 18.8796,
7.4092

■ 16.8604, 19.1337,
9.4623

■ 17.3812, 19.4218,
11.9584

■ 17.9907, 19.7458,
14.9213

■ 18.6934, 20.1073,
18.3733

Harmonies

Analogous

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



20.6947, 18.0347, 2.9729



15.2948, 18.0347, 2.6749



11.3118, 18.0347, 4.8212

Triad

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



15.2948, 18.0347, 2.6749



10.5445, 18.0347, 45.5192



28.6545, 18.0347, 30.8109

Complementary

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



15.2948, 18.0347, 2.6749



3.7452, 1.5676, 19.5070

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.



24.6927, 18.0347, 50.9169



15.2948, 18.0347, 2.6749



14.0202, 18.0347, 61.9992

Square

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



15.2948, 18.0347, 2.6749



8.9691, 18.0347, 25.6552



19.1310, 18.0347, 64.3663



29.1920, 18.0347, 14.6418

Rectangle

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



15.2948, 18.0347, 2.6749



9.7052, 18.0347, 8.5979



19.1310, 18.0347, 64.3663



27.6459, 18.0347, 37.4989

Sweetspot

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



15.2952, 18.0356, 2.6753



31.0523, 34.7402, 21.0602



8.4803, 4.3692, 0.5162



6.9872, 7.8605, 4.4243



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.



15.2952, 18.0356, 2.6753



27.3691, 32.2554, 4.7834



9.6257, 15.8488, 2.5520



4.6540, 4.9966, 4.6393



15.9627, 18.8218, 2.7917



0.0000, 0.0000, 0.0000

Inverse Universe

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



3.7452, 1.5676, 19.5070



6.6854, 2.7648, 34.9257



5.4663, 2.3905, 19.5752



4.1190, 4.2321, 5.4130



3.9077, 1.6339, 20.3594



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.2948, 18.0347, 2.6749 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 15.2948, 18.0347, 2.6749 looks on a black 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

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

XYZ 15.2948, 18.0347, 2.6749

Background



This preview shows how black text looks on a background with the XYZ color 15.2948, 18.0347, 2.6749.



This preview shows how white text looks on a background with the XYZ color 15.2948, 18.0347,

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

15.2948, 18.0347, 2.6749

Protanopia

16.1513, 17.9434, 2.6122

Deuteranopia

18.2978, 18.0216, 3.0864



Tritanopia

18.9182, 17.9554, 20.5578

Trichromacy



Original Color

15.2948, 18.0347, 2.6749

Protanomaly

15.8027, 17.9395, 2.6298

Deuteranomaly

17.0064, 17.8611, 2.8678

Tritanomaly

16.6762, 17.5431, 9.5284

Monochromacy



Original Color

15.2948, 18.0347, 2.6749

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

13.9187, 15.8173, 7.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2948, 18.0347, 2.6749 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, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 121, 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, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 121, 0) }
```

Border

The CSS property to change the border of an element to XYZ 15.2948, 18.0347, 2.6749 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, 121, 0) }
```


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

```
.border{ border-color:rgb(125, 121, 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, 121, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 121,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2948, 18.0347, 2.6749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 121, 0) }
```

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

```
.background{ background-color: rgb(125,  
121, 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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