

Converting Colors

XYZ(15.2108, 18.2926, 2.9645)

Have a look what the booklet for
XYZ(15.2108, 18.2926, 2.9645)
contains.

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Color

**XYZ(15.2952, 18.3944,
2.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	7B7B08
RGB	123, 123, 8
RGB Percent	48%, 48%, 3%
CMY	0.5176, 0.5176, 0.9686
CMYK	0.00, 0.00, 0.93, 0.52
HSL	60°, 88%, 26%
HSV	60°, 93%, 48%
XYZ	15.2952, 18.3944, 2.9741
YIQ	109.8900, 36.9150, -35.7650

Conversions

Conversions Part 2

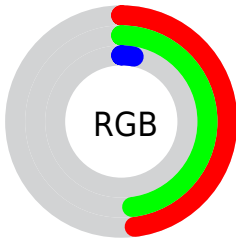
Format	Color
R_{YB}	8, 123, 8
Decimal	8092424
CIE Lab	49.97, -12.40, 53.51
CIE LCh	50, 54.928, 103.042
Yxy	18.3944, 0.4172, 0.5017
Android (android.graphics.Color)	4286282504 (0xFF7B7B08)
YUV	109.8900, -50.2318, 11.4975
Hunter-Lab	42.8887, -11.3976, 25.9106

Details

The XYZ color **15.2952, 18.3944, 2.9741** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **3.7626, 1.6557, 18.8613**, and the grayscale version is **14.9223, 15.6994, 17.0966**.

A 20% lighter version of the original color is **34.9638, 40.6610, 11.4744**, and **5.1146, 6.3717, 0.9603** is the 20% darker color. If you saturate the color by 10%, you get **15.2517, 18.3777, 2.7434**, and if you desaturate by 10%, it is **15.3808, 18.4294, 3.4229**.

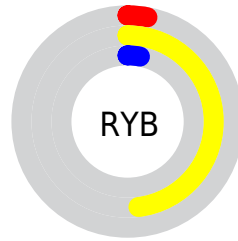
Distribution



Red (48%)

Green (48%)

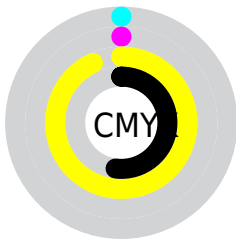
Blue (3%)



Red (3%)

Yellow (48%)

Blue (3%)

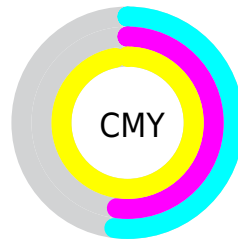


Cyan (0%)

Magenta (0%)

Yellow (93%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2952, 18.3944, 2.9741 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 15.2952, 18.3944, 2.9741 by changing the saturation by 10% instead.

15.2952, 18.3944,
2.9741

15.2952, 18.3944,
2.9741

218.4992,
243.0848, 136.0301

9.1145, 11.2335,
1.0814

34.9376, 40.7082,
11.5645

4.8736, 6.2241,
0.0000

49.1301, 56.6300,
19.0992

2.2073, 2.9818,
0.0000

66.7238, 76.2408,
29.3518

0.7466, 1.1223,
0.0000


88.0842, 99.9251,
42.7406


0.0000, 0.0000,
0.0000


113.5766,
128.0672, 59.6844


143.5663,


161.0516, 80.6015


 178.4187,
199.2627, 105.9105


 15.2952, 18.3944,
2.9741


 15.2952, 18.3944,
2.9741


 15.2517, 18.3777,
2.7434

 15.3808, 18.4294,
3.4229

 15.5209, 18.4854,
4.1604

 15.7238, 18.5666,
5.2286

 15.9957, 18.6753,
6.6602

 16.3421, 18.8139,
8.4839

■ 16.7679, 18.9842,
10.7256

■ 17.2775, 19.1881,
13.4091

■ 17.8752, 19.4271,
16.5560

■ 18.5648, 19.7030,
20.1870

Harmonies

Analogous

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



20.6080, 18.3944, 3.1203



15.2952, 18.3944, 2.9741



11.4399, 18.3944, 5.4261

Triad

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



15.2952, 18.3944, 2.9741



11.0749, 18.3944, 47.0774



29.0751, 18.3944, 29.7394

Complementary

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



15.2952, 18.3944, 2.9741



3.7626, 1.6557, 18.8613

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.



25.3502, 18.3944, 49.5996



15.2952, 18.3944, 2.9741



14.6916, 18.3944, 62.5765

Square

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



15.2952, 18.3944, 2.9741



9.3541, 18.3944, 27.3158



19.8708, 18.3944, 63.6796



29.3273, 18.3944, 14.1681

Rectangle

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



15.2952, 18.3944, 2.9741



9.9183, 18.3944, 9.5440



19.8708, 18.3944, 63.6796



28.1580, 18.3944, 36.2721

Sweetspot

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



15.2956, 18.3953, 2.9745



30.4441, 34.1614, 21.4112



8.2997, 4.4026, 0.6424



7.0946, 8.0153, 4.6455



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.



15.2956, 18.3953, 2.9745



27.3103, 32.9078, 4.9124



9.3409, 15.3255, 2.6958



4.3077, 4.6339, 4.2919



15.7769, 19.0105, 2.8379



75.2571, 90.6819, 13.5369

Inverse Universe

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



3.7626, 1.6557, 18.8613



6.4023, 2.5609, 33.7135



5.8760, 2.7452, 18.9602



3.7976, 3.8936, 4.9946



3.6985, 1.4794, 19.4759



17.6422, 7.0569, 92.9021

Previews

White Background



This preview shows how the XYZ color 15.2952, 18.3944, 2.9741 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

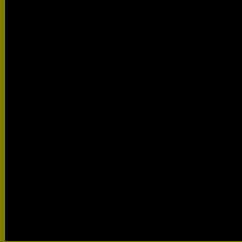
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2952, 18.3944, 2.9741

Background



This preview shows how black text looks on a background with the XYZ color 15.2952, 18.3944, 2.9741.



This preview shows how white text looks on a background with the XYZ color 15.2952, 18.3944,

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

15.2952, 18.3944, 2.9741

Protanopia

16.4557, 18.2729, 2.8033

Deuteranopia

18.6091, 18.3448, 3.2219



Tritanopia

18.9525, 18.2900, 21.2703

Trichromacy



Original Color

15.2952, 18.3944, 2.9741

Protanomaly

15.9553, 18.1919, 2.8428

Deuteranomaly

17.2700, 18.3354, 3.1191

Tritanomaly

16.7486, 17.9059, 10.3580

Monochromacy



Original Color

15.2952, 18.3944, 2.9741

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.4036, 16.3873, 8.7073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2952, 18.3944, 2.9741 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, 123, 8)` looks like.

```
.text, #text, p{  
    color:rgb(123, 123, 8)  
}
```

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, 123, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 123, 8) }
```

Border

The CSS property to change the border of an element to XYZ 15.2952, 18.3944, 2.9741 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, 123, 8) }
```


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

```
.border{ border-color:rgb(123, 123, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 123, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 123, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 123, 8);  
box-shadow:4px 4px 4px 4px rgb(123, 123,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2952, 18.3944, 2.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 123, 8) }
```

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

```
.background{ background-color: rgb(123,  
123, 8) }
```

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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