

Converting Colors

XYZ(17.4302, 10.7935, 1.1647)

Have a look what the booklet for
XYZ(17.4302, 10.7935, 1.1647)
contains.

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Color

**XYZ(17.3764, 10.7808,
1.1651)**

Conversions

Conversions Part 1

Format	Color
Hex	A83400
RGB	168, 52, 0
RGB Percent	66%, 20%, 0%
CMY	0.3412, 0.7960, 1.0000
CMYK	0.00, 0.69, 1.00, 0.34
HSL	19°, 100%, 33%
HSV	19°, 100%, 66%
XYZ	17.3764, 10.7808, 1.1651
YIQ	80.7560, 85.8280, 8.4200

Conversions

Conversions Part 2

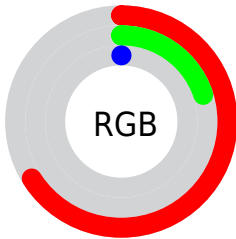
Format	Color
R_{YB}	168, 75, 0
Decimal	11023360
CIE Lab	39.21, 45.81, 51.12
CIE LCh	39, 68.638, 48.134
Yxy	10.7808, 0.5926, 0.3677
Android (android.graphics.Color)	4289213440 (0xFFA83400)
YUV	80.7560, -39.8127, 76.5130
Hunter-Lab	32.8341, 37.0056, 20.8800

Details

The XYZ color **17.3764, 10.7808, 1.1651** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.3126, 15.3166, 39.3001**, and the grayscale version is **7.8377, 8.2459, 8.9798**.

A 20% lighter version of the original color is **38.6492, 27.3491, 6.6100**, and **6.0634, 3.1258, 0.2838** is the 20% darker color. If you saturate the color by 10%, you get **17.3765, 10.7812, 1.1651**, and if you desaturate by 10%, it is **18.0592, 11.9873, 1.8842**.

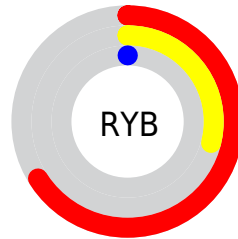
Distribution



Red (66%)

Green (20%)

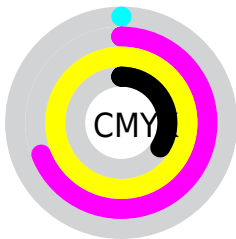
Blue (0%)



Red (66%)

Yellow (29%)

Blue (0%)

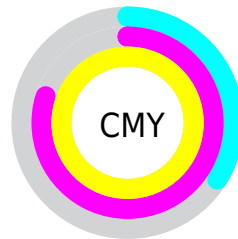


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (34%)



Cyan (34%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3764, 10.7808, 1.1651 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 17.3764, 10.7808, 1.1651 by changing the saturation by 10% instead.


 17.3764, 10.7808,
1.1651


 17.3764, 10.7808,
1.1651


 230.4464,
196.1575, 107.6539


 10.6002, 5.9196,
0.0000


 38.5103, 27.2541,
6.5977


 5.8640, 2.7963,
0.0000

 53.5987, 39.6350,
11.9651

 2.8024, 1.0263,
0.0000

 72.1885, 55.2914,
19.6580

 1.0502, 0.0000,
0.0000

 94.6451, 74.6075,
30.0950


 0.0000, 0.0000,
0.0000


 121.3338, 97.9677,
43.6945


 152.6200,


125.7565, 60.8751


 188.8691,
158.3583, 82.0554


 17.3764, 10.7808,
1.1651


 17.3764, 10.7808,
1.1651


 17.3765, 10.7812,
1.1651

 18.0592, 11.9873,
1.8842

 18.9614, 13.4982,
3.0895

 20.1252, 15.3435,
4.9643

 21.5732, 17.5438,
7.5914

 23.3250, 20.1177,
11.0418

■ 25.3986, 23.0825,
15.3780

■ 27.8101, 26.4541,
20.6563

■ 30.5747, 30.2477,
26.9286

■ 33.7066, 34.4777,
34.2427

Harmonies

Analogous

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



21.1936, 10.7808, 5.4761



17.3764, 10.7808, 1.1651



12.1802, 10.7808, 0.0301

Triad

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



17.3764, 10.7808, 1.1651



3.7886, 10.7808, 7.2531



13.2617, 10.7808, 56.1843

Complementary

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



17.3764, 10.7808, 1.1651



13.3126, 15.3166, 39.3001

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.



8.5297, 10.7808, 58.2503



17.3764, 10.7808, 1.1651



3.9193, 10.7808, 21.5485

Square

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



17.3764, 10.7808, 1.1651



4.9606, 10.7808, 1.6388



5.3954, 10.7808, 42.6216



18.3697, 10.7808, 38.1493

Rectangle

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



17.3764, 10.7808, 1.1651



9.0428, 10.7808, 0.0000



5.3954, 10.7808, 42.6216



11.5533, 10.7808, 59.0896

Sweetspot

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



17.3766, 10.7814, 1.1653



50.2079, 47.6477, 36.9090



19.3946, 9.6233, 17.8505



10.5452, 9.8314, 7.1654



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.3766, 10.7814, 1.1653



31.3640, 19.2272, 2.0582



24.7288, 25.4857, 3.6160



7.7135, 7.9071, 7.9089



13.1632, 8.2237, 0.8936



0.3652, 0.2900, 0.0367

Inverse Universe

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



13.3126, 15.3166, 39.3001



23.9590, 27.3968, 71.2504



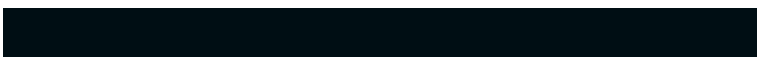
7.6286, 3.9486, 37.4054



7.5487, 8.1343, 9.5906



10.1002, 11.6605, 29.6939



0.2880, 0.3683, 0.7366

Previews

White Background



This preview shows how the XYZ color 17.3764, 10.7808, 1.1651 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



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 17.3764, 10.7808, 1.1651

Background



This preview shows how black text looks on a background with the XYZ color 17.3764, 10.7808, 1.1651.



This preview shows how white text looks on a background with the XYZ color 17.3764, 10.7808,

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

17.3764, 10.7808, 1.1651

Protanopia

9.9376, 11.0523, 2.1818

Deuteranopia

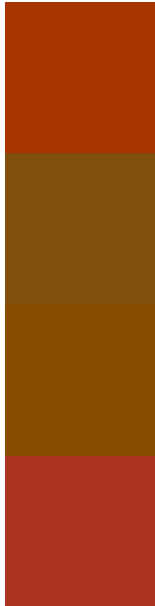
11.0436, 10.9963, 1.5404



Tritanopia

18.0580, 10.8707, 4.2784

Trichromacy



Original Color

17.3764, 10.7808, 1.1651

Protanomaly

11.7585, 10.2053, 1.6667

Deuteranomaly

12.7378, 10.4031, 1.3366

Tritanomaly

17.7635, 10.8205, 2.5188

Monochromacy



Original Color

17.3764, 10.7808, 1.1651

Achromatopsia

7.8210, 8.2283, 8.9606

Achromatomaly

9.6200, 8.1390, 4.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3764, 10.7808, 1.1651 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(168, 52, 0)` looks like.

```
.text, #text, p{  
    color:rgb(168, 52, 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(168, 52, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 52, 0) }
```

Border

The CSS property to change the border of an element to XYZ 17.3764, 10.7808, 1.1651 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(168, 52, 0) }
```


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

```
.border{ border-color:rgb(168, 52, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 52, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 52, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 52, 0);  
box-shadow:4px 4px 4px 4px rgb(168, 52, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.3764, 10.7808, 1.1651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 52, 0) }
```

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

```
.background{ background-color: rgb(168, 52,  
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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