

Converting Colors

XYZ(14.4869, 10.7864, 0.0000)

Have a look what the booklet for
XYZ(14.4869, 10.7864, 0.0000)
contains.

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Color

**XYZ(14.7678, 10.8643,
1.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	964600
RGB	150, 70, 0
RGB Percent	59%, 27%, 0%
CMY	0.4118, 0.7255, 1.0000
CMYK	0.00, 0.53, 1.00, 0.41
HSL	28°, 100%, 29%
HSV	28°, 100%, 59%
XYZ	14.7678, 10.8643, 1.3187
YIQ	85.9400, 70.1500, -4.8100

Conversions

Conversions Part 2

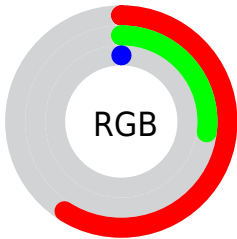
Format	Color
R_{YB}	150, 131, 0
Decimal	9848320
CIE Lab	39.35, 30.22, 49.50
CIE LCh	39, 57.997, 58.599
Yxy	10.8643, 0.5480, 0.4031
Android (android.graphics.Color)	4288038400 (0xFF964600)
YUV	85.9400, -42.3684, 56.1806
Hunter-Lab	32.9610, 22.2930, 20.7007

Details

The XYZ color **14.7678, 10.8643, 1.3187** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.3735, 7.9391, 29.9449**, and the grayscale version is **8.9097, 9.3737, 10.2080**.

A 20% lighter version of the original color is **33.9844, 27.4104, 7.1140**, and **4.7005, 2.8491, 0.3022** is the 20% darker color. If you saturate the color by 10%, you get **14.7679, 10.8646, 1.3187**, and if you desaturate by 10%, it is **15.3885, 11.9679, 1.9510**.

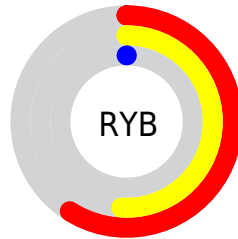
Distribution



Red (59%)

Green (27%)

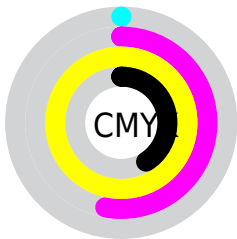
Blue (0%)



Red (59%)

Yellow (51%)

Blue (0%)

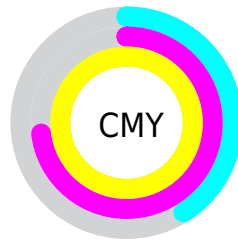


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (73%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7678, 10.8643, 1.3187 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 14.7678, 10.8643, 1.3187 by changing the saturation by 10% instead.

■ 14.7678, 10.8643,
1.3187

■ 14.7678, 10.8643,
1.3187

■ 215.3728,
196.7342, 110.6927

■ 8.7418, 5.9757,
0.0770

■ 34.0203, 27.4090,
7.0768

■ 4.6289, 2.8303,
0.0000

■ 47.9776, 39.8338,
12.6746

■ 2.0637, 1.0438,
0.0000

■ 65.3094, 55.5394,
20.6431

■ 0.6694, 0.0000,
0.0000

■ 86.3809, 74.9103,
31.4006


■ 0.0000, 0.0000,
0.0000


■ 111.5577, 98.3308,
45.3658


■ 141.2051,


126.1854, 62.9572


 175.6883,
158.8584, 84.5933


 14.7678, 10.8643,
1.3187


 14.7678, 10.8643,
1.3187


 14.7679, 10.8646,
1.3187

 15.3885, 11.9679,
1.9510

 16.1401, 13.2340,
2.9323

 17.0543, 14.6795,
4.4176

 18.1450, 16.3137,
6.4680

 19.4239, 18.1445,
9.1357

■ 20.9019, 20.1797,
12.4670

■ 22.5887, 22.4263,
16.5036

■ 24.4933, 24.8909,
21.2838

■ 26.6242, 27.5798,
26.8430

Harmonies

Analogous

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



18.4496, 10.8643, 4.2177



14.7678, 10.8643, 1.3187



10.5114, 10.8643, 0.6898

Triad

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



14.7678, 10.8643, 1.3187



4.4791, 10.8643, 11.3098



14.3667, 10.8643, 42.6662

Complementary

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



14.7678, 10.8643, 1.3187



8.3735, 7.9391, 29.9449

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.



10.1432, 10.8643, 49.1422



14.7678, 10.8643, 1.3187



5.0251, 10.8643, 25.4475

Square

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



14.7678, 10.8643, 1.3187



5.1399, 10.8643, 3.7749



6.8785, 10.8643, 41.4379



18.1798, 10.8643, 27.0002

Rectangle

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



14.7678, 10.8643, 1.3187



8.1058, 10.8643, 0.9003



6.8785, 10.8643, 41.4379



12.9191, 10.8643, 46.3046

Sweetspot

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



14.7680, 10.8649, 1.3189



39.6771, 39.3318, 28.6667



14.0256, 7.0633, 8.2138



8.5345, 8.3748, 5.7264



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.7680, 10.8649, 1.3189



25.8906, 18.8304, 2.2700



22.7029, 26.7346, 3.9638



6.0106, 6.2349, 6.1271



12.2799, 9.0742, 1.1043



0.1793, 0.1692, 0.0232

Inverse Universe

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



8.3735, 7.9391, 29.9449



14.6009, 13.6575, 52.7879



5.5593, 2.3106, 29.0069



5.7402, 6.1144, 7.3474



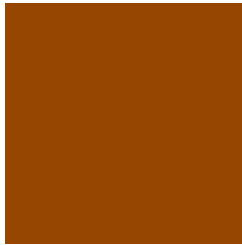
6.9771, 6.6490, 24.8467



0.1149, 0.1404, 0.3140

Previews

White Background



This preview shows how the XYZ color 14.7678, 10.8643, 1.3187 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 14.7678, 10.8643, 1.3187

Background



This preview shows how black text looks on a background with the XYZ color 14.7678, 10.8643, 1.3187.



This preview shows how white text looks on a background with the XYZ color 14.7678, 10.8643,

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

14.7678, 10.8643, 1.3187

Protanopia

9.9077, 11.0404, 2.0243

Deuteranopia

11.0436, 10.9963, 1.5404



Tritanopia

15.9134, 10.8857, 6.8926

Trichromacy



Original Color

14.7678, 10.8643, 1.3187

Protanomaly

11.1830, 10.5817, 1.7115

Deuteranomaly

12.2232, 10.7804, 1.4366

Tritanomaly

15.2243, 10.7755, 3.6603

Monochromacy



Original Color

14.7678, 10.8643, 1.3187

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

9.8649, 9.2644, 4.8827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7678, 10.8643, 1.3187 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(150, 70, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 70, 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(150, 70, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 70, 0) }
```

Border

The CSS property to change the border of an element to XYZ 14.7678, 10.8643, 1.3187 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(150, 70, 0) }
```


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

```
.border{ border-color:rgb(150, 70, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 70, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 70, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 70, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 70, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.7678, 10.8643, 1.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 70, 0) }
```

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

```
.background{ background-color: rgb(150, 70,  
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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