

Converting Colors

XYZ(14.1746, 10.7737, 1.8223)

Have a look what the booklet for
XYZ(14.1746, 10.7737, 1.8223)
contains.

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Color

**XYZ(14.0879, 10.6919,
1.8114)**

Conversions

Conversions Part 1

Format	Color
Hex	914810
RGB	145, 72, 16
RGB Percent	57%, 28%, 6%
CMY	0.4314, 0.7176, 0.9373
CMYK	0.00, 0.50, 0.89, 0.43
HSL	26°, 80%, 32%
HSV	26°, 89%, 57%
XYZ	14.0879, 10.6919, 1.8114
YIQ	87.4430, 61.4840, -1.9400

Conversions

Conversions Part 2

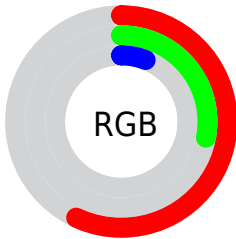
Format	Color
R_{YB}	145, 115, 16
Decimal	9521168
CIE Lab	39.06, 27.30, 43.87
CIE LCh	39, 51.668, 58.109
Yxy	10.6919, 0.5298, 0.4021
Android (android.graphics.Color)	4287711248 (0xFF914810)
YUV	87.4430, -35.2214, 50.4775
Hunter-Lab	32.6985, 19.6831, 19.6044

Details

The XYZ color **14.0879, 10.6919, 1.8114** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **8.8964, 9.2984, 28.1136**, and the grayscale version is **9.2197, 9.6998, 10.5631**.

A 20% lighter version of the original color is **32.8155, 27.1381, 8.5096**, and **4.3721, 2.7700, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **13.5073, 9.6673, 1.1972**, and if you desaturate by 10%, it is **14.8018, 11.8841, 2.7758**.

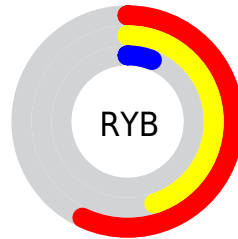
Distribution



Red (57%)

Green (28%)

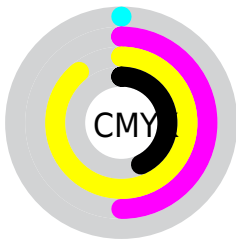
Blue (6%)



Red (57%)

Yellow (45%)

Blue (6%)

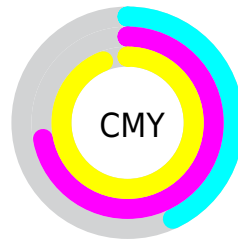


Cyan (0%)

Magenta (50%)

Yellow (89%)

Black (43%)



Cyan (43%)

Magenta (72%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0879, 10.6919, 1.8114 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 14.0879, 10.6919, 1.8114 by changing the saturation by 10% instead.

■ 14.0879, 10.6919,
1.8114

■ 14.0879, 10.6919,
1.8114

211.2767,
195.5414, 119.3759

■ 8.2639, 5.8601,
0.4355

■ 32.8299, 27.0890,
8.5185

■ 4.3175, 2.7602,
0.0000

■ 46.4786, 39.4231,
14.7775

■ 1.8833, 1.0078,
0.0000

■ 63.4663, 55.0267,
23.5315

■ 0.5671, 0.0000,
0.0000


■ 84.1583, 74.2842,
35.1991


■ 0.0000, 0.0000,
0.0000


■ 108.9200, 97.5800,
50.1987


■ 138.1167,


125.2986, 68.9491


 172.1138,
157.8243, 91.8686


 14.0879, 10.6919,
1.8114


 14.0879, 10.6919,
1.8114


 13.5073, 9.6673,
1.1972


 14.8018, 11.8841,
2.7758

 13.4517, 9.5692,
1.1381

 15.6744, 13.2569,
4.2154

 16.7190, 14.8199,
6.1855

 17.9467, 16.5815,
8.7334

 19.3676, 18.5494,
11.9012

■ 20.9910, 20.7307,
15.7272

■ 22.8255, 23.1322,
20.2463

■ 24.8792, 25.7605,
25.4909

■ 27.1598, 28.6217,
31.4917

Harmonies

Analogous

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



17.2135, 10.6919, 4.7857



14.0879, 10.6919, 1.8114



10.3830, 10.6919, 1.1038

Triad

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



14.0879, 10.6919, 1.8114



4.8671, 10.6919, 11.0255



13.6214, 10.6919, 37.7480

Complementary

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



14.0879, 10.6919, 1.8114



8.8964, 9.2984, 28.1136

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.



9.9448, 10.6919, 42.8513



14.0879, 10.6919, 1.8114



5.3599, 10.6919, 23.0913

Square

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



14.0879, 10.6919, 1.8114



5.5042, 10.6919, 4.2098



7.0435, 10.6919, 36.3902



16.9041, 10.6919, 24.8495

Rectangle

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



14.0879, 10.6919, 1.8114



8.2357, 10.6919, 1.3090



7.0435, 10.6919, 36.3902



12.3682, 10.6919, 40.6694

Sweetspot

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



14.0881, 10.6925, 1.8116



38.0297, 37.7049, 29.2237



13.6696, 7.1132, 10.1257



8.2545, 8.1152, 6.0054



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



14.0881, 10.6925, 1.8116



23.9235, 16.8036, 1.9825



20.6309, 23.7781, 3.9925



5.5894, 5.7851, 5.7114



11.5631, 8.2580, 0.9845



0.1318, 0.1215, 0.0165

Inverse Universe

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



8.8964, 9.2984, 28.1136



14.3872, 14.1299, 49.9426



5.6636, 2.8328, 27.0360



5.3668, 5.7295, 6.8518



7.0010, 6.9881, 23.9569



0.0889, 0.1107, 0.2364

Previews

White Background



This preview shows how the XYZ color 14.0879, 10.6919, 1.8114 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 14.0879, 10.6919, 1.8114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

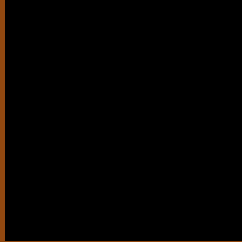
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0879, 10.6919, 1.8114

Background



This preview shows how black text looks on a background with the XYZ color 14.0879, 10.6919, 1.8114.



This preview shows how white text looks on a background with the XYZ color 14.0879, 10.6919,

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

14.0879, 10.6919, 1.8114

Protanopia

9.7586, 10.8259, 2.2847

Deuteranopia

10.8258, 10.7614, 1.5066



Tritanopia

15.2095, 10.6852, 7.3917

Trichromacy



Original Color

14.0879, 10.6919, 1.8114

Protanomaly

10.9738, 10.4660, 2.0578

Deuteranomaly

11.8026, 10.5598, 1.5885

Tritanomaly

14.6020, 10.6152, 4.5281

Monochromacy



Original Color

14.0879, 10.6919, 1.8114

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

10.0439, 9.5597, 5.7307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0879, 10.6919, 1.8114 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(145, 72, 16)` looks like.

```
.text, #text, p{  
  color:rgb(145, 72, 16)  
}
```

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(145, 72, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 72, 16) }
```

Border

The CSS property to change the border of an element to XYZ 14.0879, 10.6919, 1.8114 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(145, 72, 16) }
```


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

```
.border{ border-color:rgb(145, 72, 16) }
```

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

Here you see how a box with a 4 pixel rgb(145, 72, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 72, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 72, 16);  
box-shadow:4px 4px 4px 4px rgb(145, 72,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0879, 10.6919, 1.8114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 72, 16) }
```

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

```
.background{ background-color: rgb(145, 72,  
16) }
```

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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