

Converting Colors

XYZ(14.7043, 10.2120, 1.5551)

Have a look what the booklet for
XYZ(14.7043, 10.2120, 1.5551)
contains.

XYZ(14.7928, 10.2570, 1.5480)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.7928, 10.2570,
1.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	983F0C
RGB	152, 63, 12
RGB Percent	60%, 25%, 5%
CMY	0.4039, 0.7529, 0.9529
CMYK	0.00, 0.59, 0.92, 0.40
HSL	22°, 85%, 32%
HSV	22°, 92%, 60%
XYZ	14.7928, 10.2570, 1.5480
YIQ	83.7970, 69.4150, 3.0070

Conversions

Conversions Part 2

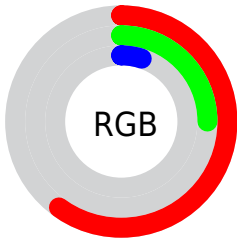
Format	Color
R_{YB}	152, 92, 12
Decimal	9977612
CIE Lab	38.30, 34.90, 45.17
CIE LCh	38, 57.082, 52.308
Yxy	10.2570, 0.5562, 0.3856
Android (android.graphics.Color)	4288167692 (0xFF983F0C)
YUV	83.7970, -35.3959, 59.8140
Hunter-Lab	32.0266, 26.4012, 19.5528

Details

The XYZ color **14.7928, 10.2570, 1.5480** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.4725, 11.6519, 31.4026**, and the grayscale version is **8.4461, 8.8859, 9.6768**.

A 20% lighter version of the original color is **33.9260, 26.1551, 7.8178**, and **4.6457, 2.5901, 0.2551** is the 20% darker color. If you saturate the color by 10%, you get **14.3329, 9.4435, 1.0674**, and if you desaturate by 10%, it is **15.5098, 11.4771, 2.4471**.

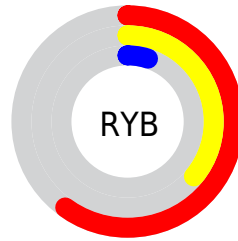
Distribution



Red (60%)

Green (25%)

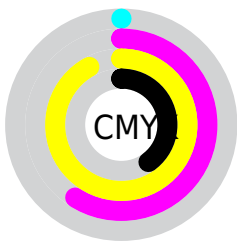
Blue (5%)



Red (60%)

Yellow (36%)

Blue (5%)

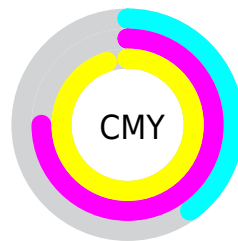


Cyan (0%)

Magenta (59%)

Yellow (92%)

Black (40%)



Cyan (40%)


Magenta (75%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 14.7928, 10.2570, 1.5480 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 14.7928, 10.2570, 1.5480 by changing the saturation by 10% instead.


 14.7928, 10.2570,
1.5480


 14.7928, 10.2570,
1.5480


 215.5220,
192.4966, 114.9083


 8.7595, 5.5697,
0.2533


 34.0639, 26.2778,
7.7635

 4.6405, 2.5852,
0.0000

 48.0324, 38.3800,
13.6819

 2.0705, 0.9192,
0.0000

 65.3767, 53.7227,
22.0320

 0.6731, 0.0000,
0.0000


 86.4621, 72.6903,
33.2325


 0.0000, 0.0000,
0.0000


 111.6540, 95.6670,
47.7018


 141.3177,


123.0374, 65.8585


 175.8185,
155.1858, 88.1212


 14.7928, 10.2570,
1.5480


 14.7928, 10.2570,
1.5480


 14.3329, 9.4435,
1.0674

 15.5098, 11.4771,
2.4471

 16.4163, 12.9300,
3.8590

 17.5290, 14.6299,
5.8503

 18.8625, 16.5890,
8.4770

 20.4296, 18.8184,
11.7888

■ 22.2422, 21.3287,
15.8300

■ 24.3112, 24.1298,
20.6416

■ 26.6470, 27.2310,
26.2610

■ 29.2591, 30.6413,
32.7236

Harmonies

Analogous

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



17.9490, 10.2570, 5.0700



14.7928, 10.2570, 1.5480



10.7352, 10.2570, 0.6618

Triad

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



14.7928, 10.2570, 1.5480



4.2510, 10.2570, 8.6510



12.7149, 10.2570, 42.7327

Complementary

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



14.7928, 10.2570, 1.5480



10.4725, 11.6519, 31.4026

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.



8.8251, 10.2570, 46.1086



14.7928, 10.2570, 1.5480



4.5269, 10.2570, 20.8556

Square

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



14.7928, 10.2570, 1.5480



5.1238, 10.2570, 2.7556



6.0058, 10.2570, 36.3868



16.5527, 10.2570, 28.8930

Rectangle

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



14.7928, 10.2570, 1.5480



8.3061, 10.2570, 0.7176



6.0058, 10.2570, 36.3868



11.3499, 10.2570, 45.3771

Sweetspot

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



14.7930, 10.2576, 1.5482



40.5067, 39.3471, 30.8045



15.5285, 7.9177, 13.5420



8.8888, 8.5096, 6.2723



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.7930, 10.2576, 1.5482



25.1434, 16.3573, 1.8321



21.1315, 22.9345, 3.6610



6.3839, 6.5728, 6.5381



12.0454, 7.9732, 0.9041



0.2127, 0.1845, 0.0244

Inverse Universe

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



10.4725, 11.6519, 31.4026



17.3142, 18.6224, 55.1156



6.3631, 3.4330, 30.0328



6.1952, 6.6478, 7.8856



8.3374, 9.0714, 26.2192



0.1590, 0.2044, 0.4034

Previews

White Background



This preview shows how the XYZ color 14.7928, 10.2570, 1.5480 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 14.7928, 10.2570, 1.5480

Background



This preview shows how black text looks on a background with the XYZ color 14.7928, 10.2570, 1.5480.



This preview shows how white text looks on a background with the XYZ color 14.7928, 10.2570,

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

14.7928, 10.2570, 1.5480

Protanopia

9.3468, 10.3575, 2.1684

Deuteranopia

10.3980, 10.3004, 1.4401



Tritanopia

15.5703, 10.2480, 5.7148

Trichromacy



Original Color

14.7928, 10.2570, 1.5480

Protanomaly

10.7893, 9.9184, 1.8761

Deuteranomaly

11.6484, 10.0467, 1.4401

Tritanomaly

15.2074, 10.1859, 3.5474

Monochromacy



Original Color

14.7928, 10.2570, 1.5480

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

9.6548, 8.7256, 5.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7928, 10.2570, 1.5480 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(152, 63, 12)` looks like.

```
.text, #text, p{  
    color:rgb(152, 63, 12)  
}
```

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(152, 63, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 63, 12) }
```

Border

The CSS property to change the border of an element to XYZ 14.7928, 10.2570, 1.5480 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(152, 63, 12) }
```


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

```
.border{ border-color:rgb(152, 63, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 63, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 63, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 63, 12);  
box-shadow:4px 4px 4px 4px rgb(152, 63,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7928, 10.2570, 1.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 63, 12) }
```

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

```
.background{ background-color: rgb(152, 63,  
12) }
```

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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