

Converting Colors

XYZ(15.8929, 14.2831, 2.1378)

Have a look what the booklet for
XYZ(15.8929, 14.2831, 2.1378)
contains.

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Color

**XYZ(15.8131, 14.2217,
2.1413)**

Conversions

Conversions Part 1

Format	Color
Hex	915F08
RGB	145, 95, 8
RGB Percent	57%, 37%, 3%
CMY	0.4314, 0.6274, 0.9686
CMYK	0.00, 0.34, 0.94, 0.43
HSL	38°, 90%, 30%
HSV	38°, 94%, 57%
XYZ	15.8131, 14.2217, 2.1413
YIQ	100.0320, 57.7270, -16.4570

Conversions

Conversions Part 2

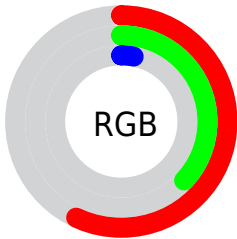
Format	Color
R_{YB}	87, 145, 8
Decimal	9527048
CIE _{Lab}	44.55, 14.01, 50.41
CIE _{LCh}	45, 52.321, 74.468
Yxy	14.2217, 0.4915, 0.4420
Android (android.graphics.Color)	4287717128 (0xFF915F08)
YUV	100.0320, -45.3718, 39.4369
Hunter-Lab	37.7117, 8.8525, 23.0316

Details

The XYZ color **15.8131, 14.2217, 2.1413** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.7240, 5.1219, 27.4221**, and the grayscale version is **12.2236, 12.8602, 14.0047**.

A 20% lighter version of the original color is **35.6794, 33.3175, 9.4009**, and **5.2181, 4.3205, 0.5589** is the 20% darker color. If you saturate the color by 10%, you get **15.5114, 13.6885, 1.8246**, and if you desaturate by 10%, it is **16.4123, 15.2508, 2.8634**.

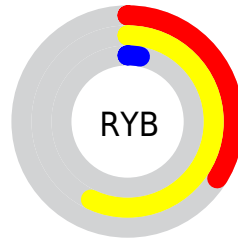
Distribution



Red (57%)

Green (37%)

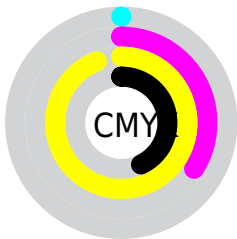
Blue (3%)



Red (34%)

Yellow (57%)

Blue (3%)

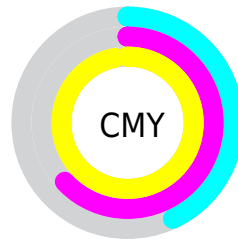


Cyan (0%)

Magenta (34%)

Yellow (94%)

Black (43%)



Cyan (43%)

Magenta (63%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8131, 14.2217, 2.1413 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 15.8131, 14.2217, 2.1413 by changing the saturation by 10% instead.

■ 15.8131, 14.2217,
2.1413

■ 15.8131, 14.2217,
2.1413

221.5285,
218.6057, 124.5337

■ 9.4820, 8.2750,
0.6402

■ 35.8335, 33.4819,
9.4236

■ 5.1165, 4.2714,
0.0000

■ 50.2535, 47.5642,
16.0769

■ 2.3512, 1.8265,
0.0000

■ 68.1006, 65.1271,
25.2962

■ 0.8207, 0.5036,
0.0000


■ 89.7400, 86.5552,
37.5003


■ 0.0000, 0.0000,
0.0000


■ 115.5371,
112.2326, 53.1075


■ 145.8573,


142.5440, 72.5364


 181.0660,
177.8735, 96.2056


 15.8131, 14.2217,
2.1413


 15.8131, 14.2217,
2.1413

 15.5114, 13.6885,
1.8246

 16.4123, 15.2508,
2.8634

 17.1226, 16.3765,
4.0090

 17.9569, 17.6057,
5.6422

 18.9255, 18.9432,
7.8136

 20.0373, 20.3937,
10.5675

■ 21.3003, 21.9612,
13.9434

■ 22.7219, 23.6495,
17.9776

■ 24.3089, 25.4623,
22.7032

■ 26.0677, 27.4029,
28.1514

Harmonies

Analogous

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



20.1885, 14.2217, 4.2312



15.8131, 14.2217, 2.1413



11.5862, 14.2217, 2.1115

Triad

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



15.8131, 14.2217, 2.1413



7.0747, 14.2217, 22.0609



20.0494, 14.2217, 38.7515

Complementary

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



15.8131, 14.2217, 2.1413



6.7240, 5.1219, 27.4221

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.



15.6519, 14.2217, 50.7394



15.8131, 14.2217, 2.1413



8.5061, 14.2217, 38.1911

Square

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



15.8131, 14.2217, 2.1413



7.1001, 14.2217, 10.0499



11.4552, 14.2217, 50.4931



22.9604, 14.2217, 22.5935

Rectangle

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



15.8131, 14.2217, 2.1413



9.4186, 14.2217, 3.1289



11.4552, 14.2217, 50.4931



18.6600, 14.2217, 43.7037

Sweetspot

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



15.8134, 14.2224, 2.1416



39.6121, 41.0860, 29.0845



12.5336, 6.5013, 4.6287



8.5950, 8.8811, 5.8577



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.



15.8134, 14.2224, 2.1416



27.6087, 24.1740, 3.2109



18.8819, 24.7598, 4.0138



5.6763, 5.9589, 5.7404



13.3299, 11.7916, 1.5734



0.1485, 0.1548, 0.0221

Inverse Universe

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



6.7240, 5.1219, 27.4221



11.2725, 7.9006, 48.9044



5.6306, 2.4412, 26.9623



5.2807, 5.5572, 6.8231



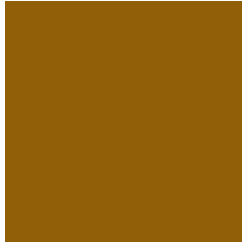
5.4956, 3.9771, 23.4551



0.0722, 0.0774, 0.2308

Previews

White Background



This preview shows how the XYZ color 15.8131, 14.2217, 2.1413 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 15.8131, 14.2217, 2.1413 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 15.8131, 14.2217, 2.1413

Background



This preview shows how black text looks on a background with the XYZ color 15.8131, 14.2217, 2.1413.



This preview shows how white text looks on a background with the XYZ color 15.8131, 14.2217,

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

15.8131, 14.2217, 2.1413

Protanopia

12.8344, 14.2591, 2.4566

Deuteranopia

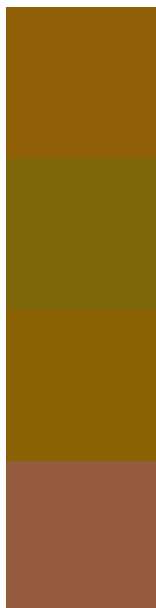
14.3887, 14.1827, 1.9792



Tritanopia

17.9497, 14.1952, 12.6204

Trichromacy



Original Color

15.8131, 14.2217, 2.1413

Protanomaly

13.7139, 14.1161, 2.3185

Deuteranomaly

14.8654, 14.1452, 2.0330

Tritanomaly

16.8510, 14.1370, 6.5432

Monochromacy



Original Color

15.8131, 14.2217, 2.1413

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.5833, 12.8536, 7.1280

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8131, 14.2217, 2.1413 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, 95, 8)` looks like.

```
.text, #text, p{  
    color:rgb(145, 95, 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(145, 95, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 95, 8) }
```

Border

The CSS property to change the border of an element to XYZ 15.8131, 14.2217, 2.1413 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, 95, 8) }
```


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

```
.border{ border-color:rgb(145, 95, 8) }
```

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

Here you see how a box with a 4 pixel rgb(145, 95, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 95, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 95, 8);  
box-shadow:4px 4px 4px 4px rgb(145, 95, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.8131, 14.2217, 2.1413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 95, 8) }
```

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

```
.background{ background-color: rgb(145, 95,  
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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