

Converting Colors

XYZ(17.6915, 14.2890, 2.3559)

Have a look what the booklet for
XYZ(17.6915, 14.2890, 2.3559)
contains.

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Color

**XYZ(17.6915, 14.2890,
2.3559)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5811
RGB	158, 88, 17
RGB Percent	62%, 35%, 7%
CMY	0.3804, 0.6549, 0.9333
CMYK	0.00, 0.44, 0.89, 0.38
HSL	30°, 81%, 34%
HSV	30°, 89%, 62%
XYZ	17.6915, 14.2890, 2.3559
YIQ	100.8360, 64.5110, -7.2410

Conversions

Conversions Part 2

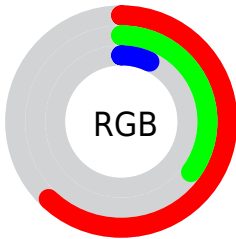
Format	Color
R_{YB}	156, 158, 17
Decimal	10377233
CIE _{Lab}	44.64, 24.08, 48.83
CIE _{LCh}	45, 54.445, 63.747
Y _{xy}	14.2890, 0.5152, 0.4161
Android (android.graphics.Color)	4288567313 (0xFF9E5811)
YUV	100.8360, -41.3311, 50.1328
Hunter-Lab	37.8008, 17.3901, 22.7654

Details

The XYZ color **17.6915, 14.2890, 2.3559** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.8108, 9.4038, 33.6457**, and the grayscale version is **12.4193, 13.0661, 14.2290**.

A 20% lighter version of the original color is **39.0761, 33.5121, 10.0392**, and **6.1598, 4.3526, 0.5155** is the 20% darker color. If you saturate the color by 10%, you get **16.9876, 13.0326, 1.6547**, and if you desaturate by 10%, it is **18.5413, 15.7158, 3.4806**.

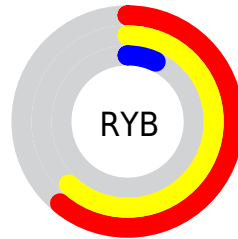
Distribution



Red (62%)

Green (35%)

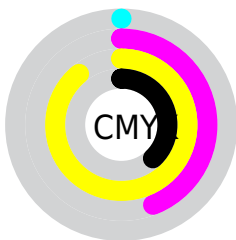
Blue (7%)



Red (61%)

Yellow (62%)

Blue (7%)

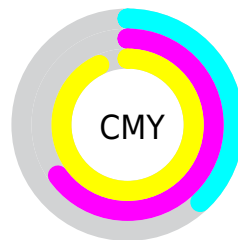


Cyan (0%)

Magenta (44%)

Yellow (89%)

Black (38%)



Cyan (38%)


Magenta (65%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.6915, 14.2890, 2.3559 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 17.6915, 14.2890, 2.3559 by changing the saturation by 10% instead.


 17.6915, 14.2890,
2.3559


 17.6915, 14.2890,
2.3559


232.2058,
219.0214, 127.6791


 10.8271, 8.3219,
0.7623


 39.0452, 33.6009,
9.9928


 6.0171, 4.3016,
0.0000


 54.2651, 47.7146,
16.8869


 2.8962, 1.8437,
0.0000

 73.0009, 65.3126,
26.3895

 1.0991, 0.5142,
0.0000

 95.6180, 86.7793,
38.9192

 0.0244, 0.0000,
0.0000


 122.4817,
112.4992, 54.8944


 0.0000, 0.0000,
0.0000


 153.9573,


142.8565, 74.7338


 190.4102,
178.2358, 98.8559


 17.6915, 14.2890,
2.3559


 17.6915, 14.2890,
2.3559


 16.9876, 13.0326,
1.6547


 18.5413, 15.7158,
3.4806

 16.9374, 12.9428,
1.6055

 19.5659, 17.3262,
5.1750

 20.7805, 19.1299,
7.5079

 22.1980, 21.1353,
10.5382

 23.8301, 23.3499,
14.3179

■ 25.6874, 25.7809,
18.8940

■ 27.7796, 28.4349,
24.3095

■ 30.1159, 31.3183,
30.6045

■ 32.7050, 34.4371,
37.8163

Harmonies

Analogous

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



21.9302, 14.2890, 5.5858



17.6915, 14.2890, 2.3559



13.0342, 14.2890, 1.7250

Triad

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



17.6915, 14.2890, 2.3559



6.7512, 14.2890, 17.2012



18.8621, 14.2890, 45.7795

Complementary

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



17.6915, 14.2890, 2.3559



9.8108, 9.4038, 33.6457

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.



14.1434, 14.2890, 54.5939



17.6915, 14.2890, 2.3559



7.6765, 14.2890, 33.3418

Square

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



17.6915, 14.2890, 2.3559



7.3036, 14.2890, 7.0938



10.1627, 14.2890, 49.1188



22.7023, 14.2890, 28.9751

Rectangle

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



17.6915, 14.2890, 2.3559



10.4425, 14.2890, 2.2306



10.1627, 14.2890, 49.1188



17.2933, 14.2890, 50.0919

Sweetspot

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



17.6918, 14.2898, 2.3562



47.2678, 47.6140, 35.8843



16.0419, 8.3664, 9.8939



10.3982, 10.4021, 7.4368



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.6918, 14.2898, 2.3562



30.5581, 23.1038, 2.8489



26.4286, 31.7632, 5.2684



6.8952, 7.1704, 7.0063



13.6046, 10.4449, 1.2990



0.2856, 0.2713, 0.0373

Inverse Universe

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



9.8108, 9.4038, 33.6457



16.0119, 14.0918, 60.6195



6.6032, 2.9888, 32.5765



6.5431, 6.9519, 8.4037



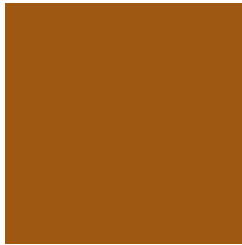
7.1890, 6.4696, 26.7771



0.1708, 0.2002, 0.4929

Previews

White Background



This preview shows how the XYZ color 17.6915, 14.2890, 2.3559 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 17.6915, 14.2890, 2.3559 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 17.6915, 14.2890, 2.3559

Background



This preview shows how black text looks on a background with the XYZ color 17.6915, 14.2890, 2.3559.



This preview shows how white text looks on a background with the XYZ color 17.6915, 14.2890,

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

17.6915, 14.2890, 2.3559

Protanopia

13.0446, 14.3591, 2.8431

Deuteranopia

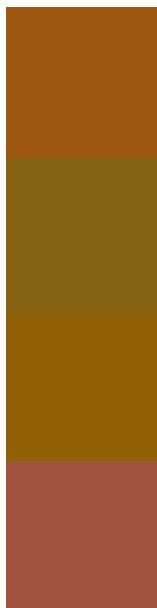
14.4852, 14.3757, 2.0113



Tritanopia

19.4767, 14.3162, 10.9693

Trichromacy



Original Color

17.6915, 14.2890, 2.3559

Protanomaly

14.4196, 14.0425, 2.6123

Deuteranomaly

15.5434, 14.2185, 2.0975

Tritanomaly

18.5370, 14.1620, 6.3140

Monochromacy



Original Color

17.6915, 14.2890, 2.3559

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.3144, 12.9455, 7.5913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6915, 14.2890, 2.3559 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(158, 88, 17)` looks like.

```
.text, #text, p{  
    color:rgb(158, 88, 17)  
}
```

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(158, 88, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 88, 17) }
```

Border

The CSS property to change the border of an element to XYZ 17.6915, 14.2890, 2.3559 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(158, 88, 17) }
```


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

```
.border{ border-color:rgb(158, 88, 17) }
```

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

Here you see how a box with a 4 pixel rgb(158, 88, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 88, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 88, 17);  
box-shadow:4px 4px 4px 4px rgb(158, 88,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6915, 14.2890, 2.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 88, 17) }
```

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

```
.background{ background-color: rgb(158, 88,  
17) }
```

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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