

Converting Colors

XYZ(17.4975, 14.2567, 2.3076)

Have a look what the booklet for
XYZ(17.4975, 14.2567, 2.3076)
contains.

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Color

**XYZ(17.5705, 14.3503,
2.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5910
RGB	157, 89, 16
RGB Percent	62%, 35%, 6%
CMY	0.3843, 0.6510, 0.9372
CMYK	0.00, 0.43, 0.90, 0.38
HSL	31°, 82%, 34%
HSV	31°, 90%, 62%
XYZ	17.5705, 14.3503, 2.3340
YIQ	101.0100, 63.9610, -8.2870

Conversions

Conversions Part 2

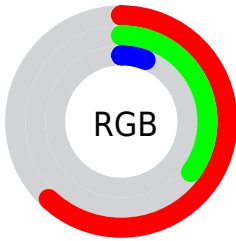
Format	Color
R_{YB}	147, 157, 16
Decimal	10311952
CIE _{Lab}	44.73, 23.06, 49.15
CIE _{LCh}	45, 54.291, 64.868
Yxy	14.3503, 0.5129, 0.4189
Android (android.graphics.Color)	4288502032 (0xFF9D5910)
YUV	101.0100, -41.9099, 49.1032
Hunter-Lab	37.8818, 16.4995, 22.8642

Details

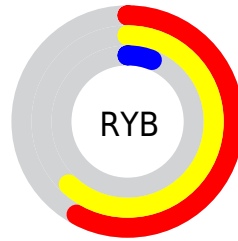
The XYZ color **17.5705, 14.3503, 2.3340** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.4695, 8.8846, 33.1137**, and the grayscale version is **12.4660, 13.1152, 14.2824**.

A 20% lighter version of the original color is **38.8913, 33.6343, 9.9111**, and **6.0835, 4.3653, 0.5219** is the 20% darker color. If you saturate the color by 10%, you get **16.8809, 13.1183, 1.6510**, and if you desaturate by 10%, it is **18.3968, 15.7420, 3.4143**.

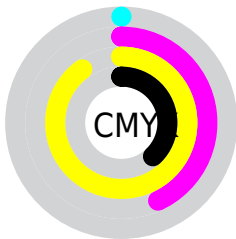
Distribution



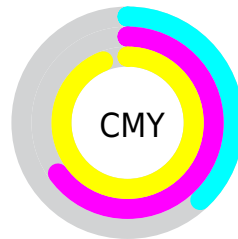
- Red (62%)
- Green (35%)
- Blue (6%)



- Red (58%)
- Yellow (62%)
- Blue (6%)



- Cyan (0%)
- Magenta (43%)
- Yellow (90%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5705, 14.3503, 2.3340 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 17.5705, 14.3503, 2.3340 by changing the saturation by 10% instead.

■ 17.5705, 14.3503,
2.3340

■ 17.5705, 14.3503,
2.3340

231.5316,
219.3993, 127.3648

■ 10.7399, 8.3647,
0.7502

■ 38.8399, 33.7093,
9.9353

■ 5.9582, 4.3292,
0.0000

■ 54.0095, 47.8515,
16.8054

■ 2.8601, 1.8594,
0.0000

■ 72.6894, 65.4814,
26.2797

■ 1.0802, 0.5238,
0.0000

■ 95.2450, 86.9833,
38.7769

■ 0.0085, 0.0000,
0.0000


■ 122.0416,
112.7416, 54.7154


■ 0.0000, 0.0000,
0.0000


■ 153.4447,


143.1408, 74.5139


 189.8196,
178.5652, 98.5908


 17.5705, 14.3503,
2.3340

 17.5705, 14.3503,
2.3340


 16.8809, 13.1183,
1.6510


 18.3968, 15.7420,
3.4143

 16.8684, 13.0958,
1.6387

 19.3909, 17.3068,
5.0506

 20.5677, 19.0544,
7.3114

 21.9399, 20.9923,
10.2550

 23.5188, 23.1280,
13.9327

■ 25.3148, 25.4680,
18.3911

■ 27.3374, 28.0187,
23.6728

■ 29.5956, 30.7860,
29.8171

■ 32.0976, 33.7757,
36.8611

Harmonies

Analogous

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



21.8544, 14.3503, 5.4421



17.5705, 14.3503, 2.3340



12.9319, 14.3503, 1.7647

Triad

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



17.5705, 14.3503, 2.3340



6.8108, 14.3503, 17.7797



19.0891, 14.3503, 45.2520

Complementary

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



17.5705, 14.3503, 2.3340



9.4695, 8.8846, 33.1137

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.



14.3725, 14.3503, 54.5071



17.5705, 14.3503, 2.3340



7.7943, 14.3503, 34.0452

Square

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



17.5705, 14.3503, 2.3340



7.3088, 14.3503, 7.4091



10.3435, 14.3503, 49.5734



22.8554, 14.3503, 28.3870

Rectangle

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



17.5705, 14.3503, 2.3340



10.3729, 14.3503, 2.3207



10.3435, 14.3503, 49.5734



17.5286, 14.3503, 49.6755

Sweetspot

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



17.5708, 14.3511, 2.3343



46.1291, 46.6225, 34.9681



15.6959, 8.1811, 9.1704



9.9134, 9.9561, 7.0882



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5708, 14.3511, 2.3343



30.0172, 23.0680, 2.8705



25.6007, 31.0850, 5.1410



6.9028, 7.1857, 7.0088



13.7376, 10.7109, 1.3434



0.2879, 0.2761, 0.0381

Inverse Universe

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



9.4695, 8.8846, 33.1137



15.3021, 13.1656, 58.8615



6.5271, 2.9370, 32.1208



6.5355, 6.9367, 8.4011



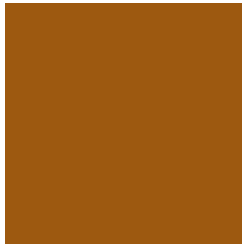
7.0625, 6.2166, 26.7349



0.1685, 0.1955, 0.4921

Previews

White Background



This preview shows how the XYZ color 17.5705, 14.3503, 2.3340 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 17.5705, 14.3503, 2.3340 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 17.5705, 14.3503, 2.3340

Background



This preview shows how black text looks on a background with the XYZ color 17.5705, 14.3503, 2.3340.



This preview shows how white text looks on a background with the XYZ color 17.5705, 14.3503,

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

17.5705, 14.3503, 2.3340

Protanopia

13.1388, 14.5626, 2.8278

Tritanopia

19.3936, 14.3814, 11.2049

Trichromacy



Original Color

17.5705, 14.3503, 2.3340

Protanomaly

14.3476, 14.1479, 2.5907

Tritanomaly

18.4161, 14.2157, 6.3307

Monochromacy



Original Color

17.5705, 14.3503, 2.3340

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.2653, 13.0565, 7.6154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5705, 14.3503, 2.3340 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(157, 89, 16)` looks like.

```
.text, #text, p{  
    color:rgb(157, 89, 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(157, 89, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 89, 16) }
```

Border

The CSS property to change the border of an element to XYZ 17.5705, 14.3503, 2.3340 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(157, 89, 16) }
```

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

```
.border{ border-color:rgb(157, 89, 16) }
```

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

Here you see how a box with a 4 pixel rgb(157, 89, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 89, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 89, 16);  
box-shadow:4px 4px 4px 4px rgb(157, 89,  
16) }
```


Background

The CSS property to change the background color of an element to XYZ 17.5705, 14.3503, 2.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 89, 16) }
```

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

```
.background{ background-color: rgb(157, 89,  
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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