

Converting Colors

XYZ(14.3709, 10.7911, 5.2121)

Have a look what the booklet for
XYZ(14.3709, 10.7911, 5.2121)
contains.

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Color

**XYZ(14.3836, 10.7698,
5.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4839
RGB	143, 72, 57
RGB Percent	56%, 28%, 22%
CMY	0.4392, 0.7176, 0.7765
CMYK	0.00, 0.50, 0.60, 0.44
HSL	10°, 43%, 39%
HSV	10°, 60%, 56%
XYZ	14.3836, 10.7698, 5.1916
YIQ	91.5190, 47.1310, 10.3870

Conversions

Conversions Part 2

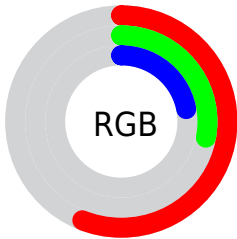
Format	Color
R_{YB}	143, 75, 57
Decimal	9390137
CIE Lab	39.19, 28.56, 22.63
CIE LCh	39, 36.440, 38.394
Yxy	10.7698, 0.4740, 0.3549
Android (android.graphics.Color)	4287580217 (0xFF8F4839)
YUV	91.5190, -17.0179, 45.1488
Hunter-Lab	32.8174, 20.8048, 13.5927

Details

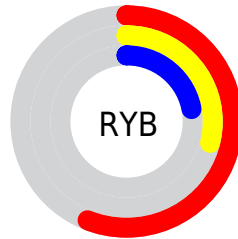
The XYZ color **14.3836, 10.7698, 5.1916** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **14.3640, 18.2903, 28.7598**, and the grayscale version is **10.0928, 10.6184, 11.5634**.

A 20% lighter version of the original color is **33.2776, 27.1979, 16.5925**, and **4.4514, 2.8017, 0.7216** is the 20% darker color. If you saturate the color by 10%, you get **13.3846, 9.2645, 3.3396**, and if you desaturate by 10%, it is **15.6302, 12.6096, 7.6221**.

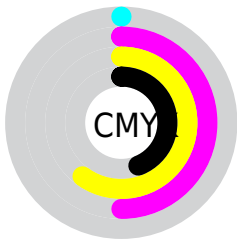
Distribution



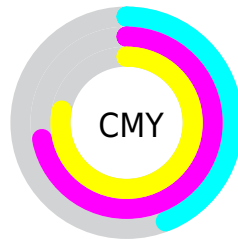
- Red (56%)
- Green (28%)
- Blue (22%)



- Red (56%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (44%)





- Cyan (44%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3836, 10.7698, 5.1916 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 14.3836, 10.7698, 5.1916 by changing the saturation by 10% instead.


 14.3836, 10.7698,
5.1916


 14.3836, 10.7698,
5.1916


213.0675,
196.0814, 160.6698


 8.4714, 5.9123,
2.2994


 33.3487, 27.2337,
16.6761


 4.4524, 2.7918,
0.7309

 47.1324, 39.6088,
26.1055


 1.9611, 1.0240,
0.0000

 64.2707, 55.2586,
38.5510

 0.6120, 0.0000,
0.0000

 85.1288, 74.5675,
54.4312

 0.0000, 0.0000,
0.0000

 110.0722, 97.9198,
74.1647

 139.4662,

125.7000, 98.1699

173.6762,
158.2923, 126.8654

■ 14.3836, 10.7698,
5.1916

■ 14.3836, 10.7698,
5.1916

■ 13.3846, 9.2645,
3.3396

■ 15.6302, 12.6096,
7.6221

■ 12.6152, 8.0717,
2.0170

■ 17.1391, 14.8007,
10.6735

■ 12.0565, 7.1693,
1.1674

■ 18.9247, 17.3610,
14.3850

■ 11.6742, 6.5327,
0.6456

■ 21.0000, 20.3064,
18.7923

■ 23.3774, 23.6521,
23.9285

■ 26.0683, 27.4123,
29.8247

■ 29.0837, 31.6006,
36.5101

■ 32.4340, 36.2300,
44.0123

■ 36.1291, 41.3128,
52.3577

Harmonies

Analogous

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



15.6309, 10.7698, 9.8677



14.3836, 10.7698, 5.1916



12.0680, 10.7698, 3.1313

Triad

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



14.3836, 10.7698, 5.1916



6.4561, 10.7698, 7.4324



10.9386, 10.7698, 30.7414

Complementary

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



14.3836, 10.7698, 5.1916



14.3640, 18.2903, 28.7598

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.



8.6001, 10.7698, 29.2412



14.3836, 10.7698, 5.1916



6.2523, 10.7698, 13.8052

Square

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



14.3836, 10.7698, 5.1916



7.5839, 10.7698, 4.0197



6.9744, 10.7698, 22.2415



13.4447, 10.7698, 25.7717

Rectangle

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



14.3836, 10.7698, 5.1916



10.3688, 10.7698, 2.7570



6.9744, 10.7698, 22.2415



10.1051, 10.7698, 31.0065

Sweetspot

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



14.3839, 10.7704, 5.1918



38.3169, 37.3668, 35.1756



16.7311, 10.3421, 21.7673



8.5433, 8.2250, 7.5442



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.



14.3839, 10.7704, 5.1918



23.4592, 15.8079, 5.0780



18.1212, 18.2450, 6.4376



5.4803, 5.5668, 5.6750



10.3338, 5.7994, 0.5747



0.1102, 0.0783, 0.0093

Inverse Universe

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



14.3640, 18.2903, 28.7598



23.3572, 30.3965, 51.1741



9.9466, 9.4556, 27.2874



5.4813, 5.9585, 6.8900



10.1307, 13.2474, 25.0001



0.1105, 0.1539, 0.2436

Previews

White Background



This preview shows how the XYZ color 14.3836, 10.7698, 5.1916 looks on a white background.

Color Contrast Check

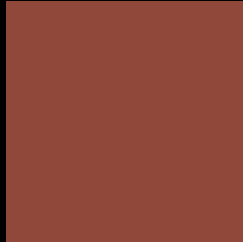
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.3836, 10.7698, 5.1916 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 14.3836, 10.7698, 5.1916

Background



This preview shows how black text looks on a background with the XYZ color 14.3836, 10.7698, 5.1916.



This preview shows how white text looks on a background with the XYZ color 14.3836, 10.7698,

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

14.3836, 10.7698, 5.1916

Protanopia

10.1240, 10.9197, 6.5751

Deuteranopia

11.0483, 10.9218, 5.0158



Tritanopia

14.9278, 10.8040, 7.7772

Trichromacy



Original Color

14.3836, 10.7698, 5.1916

Protanomaly

11.3205, 10.5578, 5.9986

Deuteranomaly

12.0950, 10.7474, 5.0514

Tritanomaly

14.7982, 10.8531, 6.7838

Monochromacy



Original Color

14.3836, 10.7698, 5.1916

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

11.2153, 10.4410, 8.8213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3836, 10.7698, 5.1916 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(143, 72, 57)` looks like.

```
.text, #text, p{  
    color:rgb(143, 72, 57)  
}
```

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(143, 72, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 72, 57) }
```

Border

The CSS property to change the border of an element to XYZ 14.3836, 10.7698, 5.1916 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(143, 72, 57) }
```


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

```
.border{ border-color:rgb(143, 72, 57) }
```

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

Here you see how a box with a 4 pixel rgb(143, 72, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 72, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 72, 57);  
box-shadow:4px 4px 4px 4px rgb(143, 72,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3836, 10.7698, 5.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 72, 57) }
```

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

```
.background{ background-color: rgb(143, 72,  
57) }
```

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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