

Converting Colors

XYZ(10.3571, 9.1568, 2.0857)

Have a look what the booklet for
XYZ(10.3571, 9.1568, 2.0857)
contains.

XYZ(10.3571, 9.1568, 2.0857)	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(10.3571, 9.1568,
2.0857)**

Conversions

Conversions Part 1

Format	Color
Hex	774C18
RGB	119, 76, 24
RGB Percent	47%, 30%, 9%
CMY	0.5333, 0.7019, 0.9059
CMYK	0.00, 0.36, 0.80, 0.53
HSL	33°, 66%, 28%
HSV	33°, 80%, 47%
XYZ	10.3571, 9.1568, 2.0857
YIQ	82.9290, 42.3200, -7.0560

Conversions

Conversions Part 2

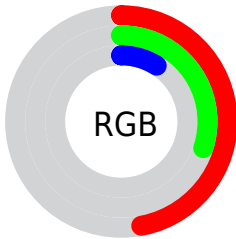
Format	Color
R_{YB}	103, 119, 24
Decimal	7818264
CIE _{Lab}	36.28, 13.46, 36.63
CIE _{LCh}	36, 39.025, 69.831
Yxy	9.1568, 0.4795, 0.4239
Android (android.graphics.Color)	4286008344 (0xFF774C18)
YUV	82.9290, -29.0520, 31.6343
Hunter-Lab	30.2602, 8.1395, 17.0956

Details

The XYZ color **10.3571, 9.1568, 2.0857** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **5.7135, 5.5401, 18.2209**, and the grayscale version is **8.2590, 8.6891, 9.4624**.

A 20% lighter version of the original color is **26.1501, 24.2361, 9.2610**, and **2.7633, 2.1913, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **9.9037, 8.4067, 1.4518**, and if you desaturate by 10%, it is **10.8961, 9.9916, 3.0155**.

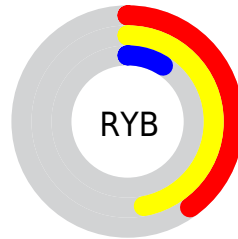
Distribution



Red (47%)

Green (30%)

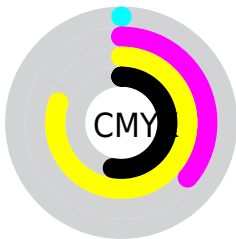
Blue (9%)



Red (40%)

Yellow (47%)

Blue (9%)

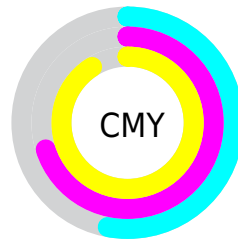


Cyan (0%)

Magenta (36%)

Yellow (80%)

Black (53%)



Cyan (53%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3571, 9.1568, 2.0857 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 10.3571, 9.1568, 2.0857 by changing the saturation by 10% instead.

10.3571, 9.1568,
2.0857

10.3571, 9.1568,
2.0857

187.2030,
184.5433, 123.6936

5.7004, 4.8436,
0.6072

26.1087, 24.1970,
9.2738

2.7027, 2.1558,
0.0000

37.9343, 35.6927,
15.8628

0.9986, 0.6957,
0.0000

52.8802, 50.3514,
25.0064


0.0000, 0.0000,
0.0000


71.3119, 68.5575,
37.1233


93.5947, 90.6953,
52.6319


120.0939,


117.1493, 71.9508


 151.1748,
148.3039, 95.4985


 10.3571, 9.1568,
2.0857


 10.3571, 9.1568,
2.0857


 9.9037, 8.4067,
1.4518


 10.8961, 9.9916,
3.0155


 9.5125, 7.7296,
0.9964

 11.5272, 10.9138,
4.2739

 9.5061, 7.7187,
0.9888

 12.2566, 11.9273,
5.8899

 13.0899, 13.0355,
7.8891

 14.0321, 14.2415,
10.2948

■ 15.0879, 15.5481,
13.1282

■ 16.2616, 16.9580,
16.4093

■ 17.5573, 18.4740,
20.1567

■ 18.9789, 20.0985,
24.3879

Harmonies

Analogous

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



12.6576, 9.1568, 3.7635



10.3571, 9.1568, 2.0857



7.9539, 9.1568, 1.8801

Triad

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



10.3571, 9.1568, 2.0857



4.9652, 9.1568, 12.3486



11.9324, 9.1568, 23.5862

Complementary

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



10.3571, 9.1568, 2.0857



5.7135, 5.5401, 18.2209

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.



9.4983, 9.1568, 28.9450



10.3571, 9.1568, 2.0857



5.6724, 9.1568, 20.7767

Square

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



10.3571, 9.1568, 2.0857



5.1117, 9.1568, 6.1389



7.2356, 9.1568, 27.7334



13.6746, 9.1568, 15.1344

Rectangle

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



10.3571, 9.1568, 2.0857



6.6423, 9.1568, 2.4277



7.2356, 9.1568, 27.7334



11.1517, 9.1568, 25.9499

Sweetspot

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



10.3573, 9.1573, 2.0859



26.0889, 26.7014, 20.9864



8.9880, 4.9967, 6.0132



6.0536, 6.1675, 4.6289



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.3573, 9.1573, 2.0859



17.1443, 14.0103, 1.9793



13.9420, 16.9612, 3.4032



3.8346, 4.0021, 3.9127



10.0901, 8.1814, 1.0474



48.3051, 38.1387, 4.8156

Inverse Universe

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



5.7135, 5.5401, 18.2209



8.4765, 7.2972, 32.2148



4.1129, 2.2205, 17.6646



3.6244, 3.8375, 4.6399



4.9229, 4.1854, 19.0910



23.1564, 18.7295, 92.7550

Previews

White Background



This preview shows how the XYZ color 10.3571, 9.1568, 2.0857 looks on a white background.

Color Contrast Check

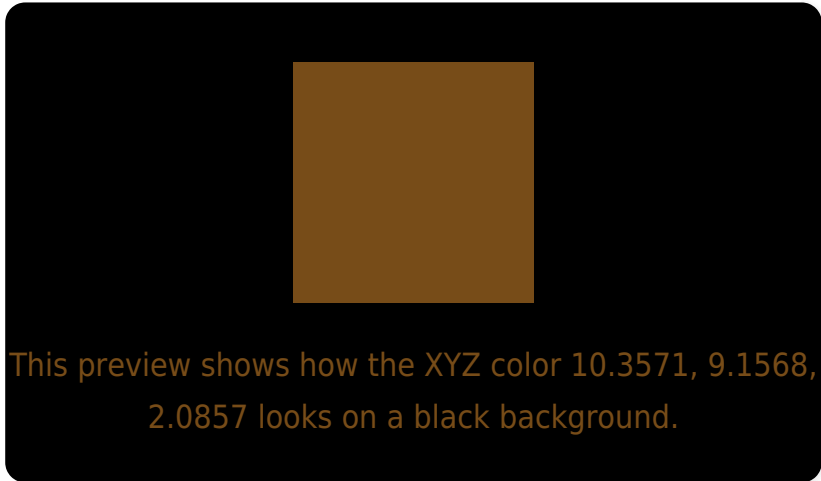
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

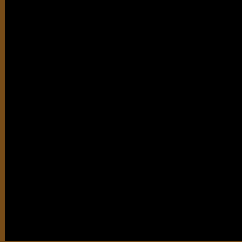
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3571, 9.1568, 2.0857

Background



This preview shows how black text looks on a background with the XYZ color 10.3571, 9.1568, 2.0857.



This preview shows how white text looks on a background with the XYZ color 10.3571, 9.1568,

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

10.3571, 9.1568, 2.0857

Protanopia

8.3495, 9.2215, 2.3768

Deuteranopia

9.2716, 9.1309, 2.0328



Tritanopia

11.5838, 9.1659, 7.9961

Trichromacy



Original Color

10.3571, 9.1568, 2.0857

Protanomaly

8.9127, 9.0522, 2.2548

Deuteranomaly

9.6327, 9.0986, 2.0591

Tritanomaly

11.0062, 9.1254, 5.0522

Monochromacy



Original Color

10.3571, 9.1568, 2.0857

Achromatopsia

8.2219, 8.6500, 9.4199

Achromatomaly

8.5620, 8.5719, 5.7607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3571, 9.1568, 2.0857 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(119, 76, 24)` looks like.

```
.text, #text, p{  
    color:rgb(119, 76, 24)  
}
```

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(119, 76, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 76, 24) }
```

Border

The CSS property to change the border of an element to XYZ 10.3571, 9.1568, 2.0857 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(119, 76, 24) }
```


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

```
.border{ border-color:rgb(119, 76, 24) }
```

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

Here you see how a box with a 4 pixel rgb(119, 76, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 76, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 76, 24);  
box-shadow:4px 4px 4px 4px rgb(119, 76,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3571, 9.1568, 2.0857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 76, 24) }
```

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

```
.background{ background-color: rgb(119, 76,  
24) }
```

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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