

Converting Colors

XYZ(11.5841, 10.6658, 1.7103)

Have a look what the booklet for
XYZ(11.5841, 10.6658, 1.7103)
contains.

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Color

**XYZ(11.5318, 10.6455,
1.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5409
RGB	124, 84, 9
RGB Percent	49%, 33%, 4%
CMY	0.5137, 0.6706, 0.9647
CMYK	0.00, 0.32, 0.93, 0.51
HSL	39°, 86%, 26%
HSV	39°, 93%, 49%
XYZ	11.5318, 10.6455, 1.7054
YIQ	87.4100, 47.9150, -14.8450

Conversions

Conversions Part 2

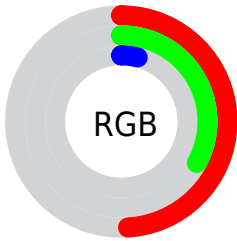
Format	Color
R_{YB}	70, 124, 9
Decimal	8147977
CIE _{Lab}	38.98, 10.56, 44.75
CIE _{LCh}	39, 45.976, 76.724
Yxy	10.6455, 0.4829, 0.4457
Android (android.graphics.Color)	4286338057 (0xFF7C5409)
YUV	87.4100, -38.6561, 32.0894
Hunter-Lab	32.6274, 5.9908, 19.7402

Details

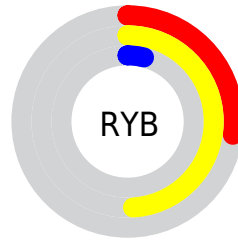
The XYZ color **11.5318, 10.6455, 1.7054** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **4.8489, 3.7097, 19.5290**, and the grayscale version is **9.2218, 9.7020, 10.5655**.

A 20% lighter version of the original color is **28.3131, 26.9466, 8.2664**, and **3.2513, 2.7531, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **11.2451, 10.1510, 1.3667**, and if you desaturate by 10%, it is **11.9670, 11.3722, 2.2935**.

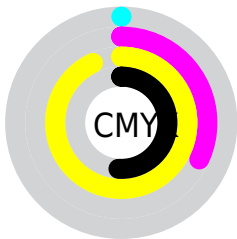
Distribution



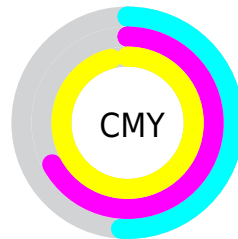
- Red (49%)
- Green (33%)
- Blue (4%)



- Red (27%)
- Yellow (49%)
- Blue (4%)



- Cyan (0%)
- Magenta (32%)
- Yellow (93%)
- Black (51%)



- Cyan (51%)
- Magenta (67%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5318, 10.6455, 1.7054 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 11.5318, 10.6455, 1.7054 by changing the saturation by 10% instead.

■ 11.5318, 10.6455,
1.7054

■ 11.5318, 10.6455,
1.7054

■ 195.1144,
195.2190, 117.6202

■ 6.4956, 5.8290,
0.3644

■ 28.2638, 27.0027,
8.2185

■ 3.1922, 2.7414,
0.0000

■ 40.6903, 39.3123,
14.3435

■ 1.2562, 0.9983,
0.0000

■ 56.3110, 54.8883,
22.9389

■ 0.1501, 0.0000,
0.0000

■ 75.4912, 74.1151,
34.4232


■ 0.0000, 0.0000,
0.0000


■ 98.5963, 97.3772,
49.2150


■ 125.9916,


125.0590, 67.7327


 158.0426,
157.5448, 90.3949


 11.5318, 10.6455,
1.7054


 11.5318, 10.6455,
1.7054


 11.2451, 10.1510,
1.3667

 11.9670, 11.3722,
2.2935

 12.4799, 12.1632,
3.1884

 13.0785, 13.0225,
4.4300

 13.7696, 13.9536,
6.0513

 14.5590, 14.9591,
8.0816

■ 15.4519, 16.0417,
10.5472

■ 16.4533, 17.2040,
13.4721

■ 17.5677, 18.4482,
16.8787

■ 18.7992, 19.7765,
20.7878

Harmonies

Analogous

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



14.7162, 10.6455, 3.1373



11.5318, 10.6455, 1.7054



8.5163, 10.6455, 1.7797

Triad

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



11.5318, 10.6455, 1.7054



5.4611, 10.6455, 17.1538



15.0402, 10.6455, 27.4240

Complementary

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



11.5318, 10.6455, 1.7054



4.8489, 3.7097, 19.5290

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.



11.9094, 10.6455, 36.4098



11.5318, 10.6455, 1.7054



6.5942, 10.6455, 28.7182

Square

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



11.5318, 10.6455, 1.7054



5.4005, 10.6455, 8.1333



8.8252, 10.6455, 36.9762



17.0007, 10.6455, 15.9118

Rectangle

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



11.5318, 10.6455, 1.7054



6.9894, 10.6455, 2.6469



8.8252, 10.6455, 36.9762



14.0642, 10.6455, 31.0471

Sweetspot

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



11.5320, 10.6460, 1.7056



27.8868, 29.0465, 20.5587



8.9695, 4.7043, 3.3689



6.4217, 6.6693, 4.4212



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.5320, 10.6460, 1.7056



19.6564, 17.5985, 2.3608



13.2902, 17.5452, 2.9446



4.1960, 4.4103, 4.2546



11.4294, 10.3146, 1.3885



53.7000, 47.5635, 6.3504

Inverse Universe

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



4.8489, 3.7097, 19.5290



7.8102, 5.3769, 34.1828



4.1682, 1.8736, 19.2105



3.9011, 4.1005, 5.0290



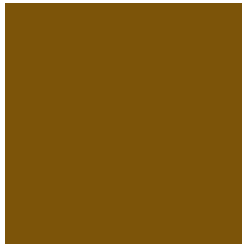
4.5791, 3.2406, 19.7694



21.1155, 14.0036, 94.0598

Previews

White Background



This preview shows how the XYZ color 11.5318, 10.6455, 1.7054 looks on a white background.

Color Contrast Check

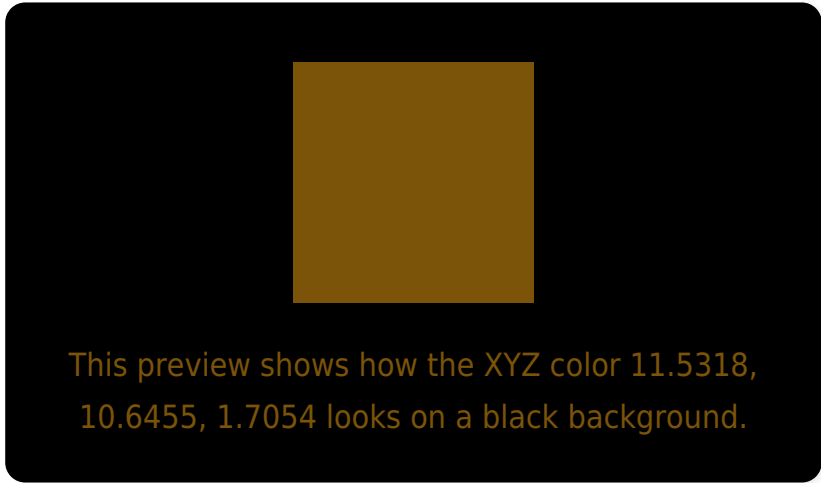
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.5318, 10.6455, 1.7054

Background



This preview shows how black text looks on a background with the XYZ color 11.5318, 10.6455, 1.7054.



This preview shows how white text looks on a background with the XYZ color 11.5318, 10.6455,

1.7054.

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

11.5318, 10.6455, 1.7054

Protanopia

9.6896, 10.7983, 1.9214

Deuteranopia

10.7443, 10.5983, 1.4794



Tritanopia

13.2267, 10.6781, 9.7515

Trichromacy



Original Color

11.5318, 10.6455, 1.7054

Protanomaly

10.2721, 10.7160, 1.8436

Deuteranomaly

11.0900, 10.6552, 1.5583

Tritanomaly

12.3596, 10.5448, 5.2548

Monochromacy



Original Color

11.5318, 10.6455, 1.7054

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.3727, 9.6807, 5.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5318, 10.6455, 1.7054 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(124, 84, 9)` looks like.

```
.text, #text, p{  
    color:rgb(124, 84, 9)  
}
```

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(124, 84, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 84, 9) }
```

Border

The CSS property to change the border of an element to XYZ 11.5318, 10.6455, 1.7054 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(124, 84, 9) }
```


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

```
.border{ border-color:rgb(124, 84, 9) }
```

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

Here you see how a box with a 4 pixel rgb(124, 84, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 84, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 84, 9);  
box-shadow:4px 4px 4px 4px rgb(124, 84, 9)  
}
```

Background

The CSS property to change the background color of an element to XYZ 11.5318, 10.6455, 1.7054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 84, 9) }
```

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

```
.background{ background-color: rgb(124, 84,  
9) }
```

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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