

Converting Colors

XYZ(9.0788, 11.6008, 7.7894)

Have a look what the booklet for
XYZ(9.0788, 11.6008, 7.7894)
contains.

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Color

**XYZ(9.0306, 11.5774,
7.7199)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6647
RGB	78, 102, 71
RGB Percent	31%, 40%, 28%
CMY	0.6941, 0.6000, 0.7216
CMYK	0.24, 0.00, 0.30, 0.60
HSL	106°, 18%, 34%
HSV	106°, 30%, 40%
XYZ	9.0306, 11.5774, 7.7199
YIQ	91.2900, -4.3530, -14.7290

Conversions

Conversions Part 2

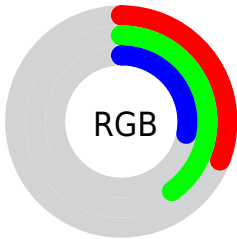
Format	Color
RYB	71, 102, 95
Decimal	5137991
CIELab	40.54, -15.54, 14.70
CIELCh	41, 21.388, 136.588
Yxy	11.5774, 0.3188, 0.4087
Android (android.graphics.Color)	4283328071 (0xFF4E6647)
YUV	91.2900, -10.0030, -11.6553
Hunter-Lab	34.0256, -12.1698, 10.3659

Details

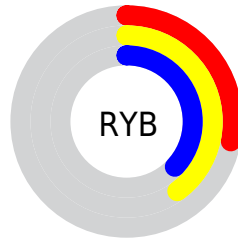
The XYZ color **9.0306, 11.5774, 7.7199** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.3713, 7.8990, 13.6018**, and the grayscale version is **10.0330, 10.5555, 11.4950**.

A 20% lighter version of the original color is **23.6835, 28.7277, 22.0661**, and **2.1597, 3.1186, 1.5250** is the 20% darker color. If you saturate the color by 10%, you get **8.1218, 11.1439, 6.1097**, and if you desaturate by 10%, it is **10.0727, 12.0739, 9.6238**.

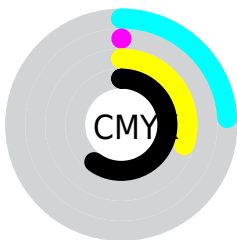
Distribution



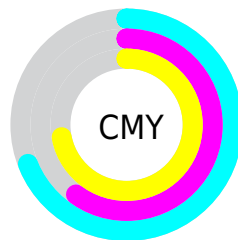
- Red (31%)
- Green (40%)
- Blue (28%)



- Red (28%)
- Yellow (40%)
- Blue (37%)



- Cyan (24%)
- Magenta (0%)
- Yellow (30%)
- Black (60%)



- Cyan (69%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.0306, 11.5774, 7.7199 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 9.0306, 11.5774, 7.7199 by changing the saturation by 10% instead.

9.0306, 11.5774,
7.7199

9.0306, 11.5774,
7.7199

177.8082,
201.5871, 183.3700

4.8184, 6.4566,
3.8311

23.6220, 28.7230,
21.9445

2.1748, 3.1247,
1.5331

34.7319, 41.5167,
33.1174

0.7294, 1.1972,
0.2424

48.8718, 57.6368,
47.5553

0.0000, 0.0594,
0.0000

66.4071, 77.4676,
65.6768

0.0000, 0.0000,
0.0000

87.7030, 101.3937,
87.9005

113.1249,

129.7994, 114.6449

143.0382,
163.0691, 146.3286

■ 9.0306, 11.5774,
7.7199

■ 9.0306, 11.5774,
7.7199

■ 8.1218, 11.1439,
6.1097

■ 10.0727, 12.0739,
9.6238

■ 7.3399, 10.7695,
4.7778

■ 11.2524, 12.6344,
11.8342

■ 6.6794, 10.4520,
3.7087

■ 12.5748, 13.2615,
14.3640

■ 6.1339, 10.1884,
2.8850

■ 14.0446, 13.9574,
17.2253

■ 5.6963, 9.9757,
2.2871

■ 15.6663, 14.7241,
20.4294

■ 5.3589, 9.8101,
1.8925

■ 17.4439, 15.5636,
23.9871

■ 5.1057, 9.6857,
1.6004

■ 19.3817, 16.4778,
27.9089

■ 21.4834, 17.4684,
32.2047

■ 23.7530, 18.5372,
36.8840

Harmonies

Analogous

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



10.1974, 11.5774, 6.2084



9.0306, 11.5774, 7.7199



8.4194, 11.5774, 10.7774

Triad

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



9.0306, 11.5774, 7.7199



10.3455, 11.5774, 22.5226



14.0209, 11.5774, 10.3822

Complementary

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



9.0306, 11.5774, 7.7199



9.3713, 7.8990, 13.6018

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.



14.0698, 11.5774, 14.6302



9.0306, 11.5774, 7.7199



11.8520, 11.5774, 22.3478

Square

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



9.0306, 11.5774, 7.7199



9.1305, 11.5774, 19.6453



13.2457, 11.5774, 19.2116



13.1177, 11.5774, 7.4878

Rectangle

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



9.0306, 11.5774, 7.7199



8.3694, 11.5774, 13.5819



13.2457, 11.5774, 19.2116



14.1404, 11.5774, 11.6776

Sweetspot

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



9.0309, 11.5779, 7.7202



19.9837, 22.2756, 21.2283



10.6885, 11.4227, 7.6028



4.6586, 5.2286, 4.9023



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



9.0309, 11.5779, 7.7202



14.7535, 19.7869, 11.6077



8.7713, 11.4113, 9.1887



2.8497, 3.1697, 3.0361



6.5259, 12.4229, 2.0539



33.3856, 64.4569, 10.6818

Inverse Universe

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



9.3713, 7.8990, 13.6018



15.4447, 12.2826, 23.6024



9.7416, 8.1349, 11.5843



2.8786, 2.8595, 3.5322



7.1847, 3.3481, 16.4119



36.6939, 17.0606, 85.5604

Previews

White Background



This preview shows how the XYZ color 9.0306, 11.5774, 7.7199 looks on a white background.

Color Contrast Check

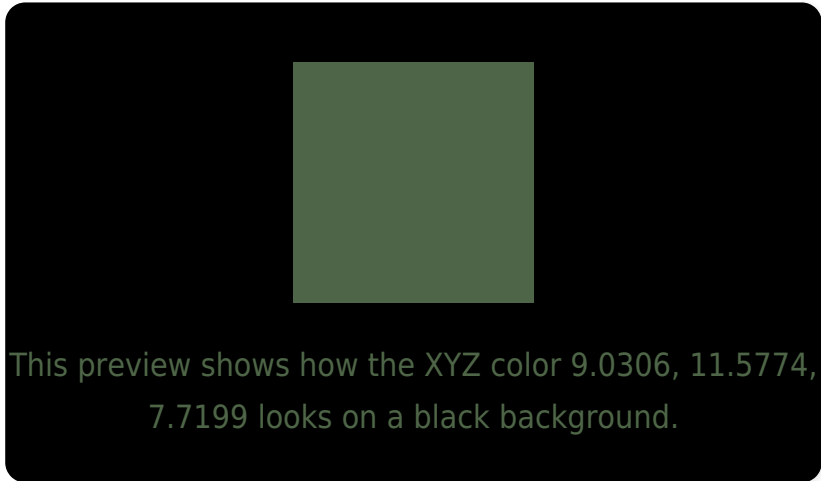
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.0306, 11.5774, 7.7199

Background



This preview shows how black text looks on a background with the XYZ color 9.0306, 11.5774, 7.7199.



This preview shows how white text looks on a background with the XYZ color 9.0306, 11.5774,

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

9.0306, 11.5774, 7.7199

Protanopia

10.7291, 11.4853, 7.1202

Deuteranopia

11.6258, 11.4080, 7.8925



Tritanopia

10.5736, 11.6401, 15.0541

Trichromacy



Original Color

9.0306, 11.5774, 7.7199

Protanomaly

10.0580, 11.5447, 7.3285

Deuteranomaly

10.5174, 11.3616, 7.7696

Tritanomaly

9.9173, 11.5078, 12.0545

Monochromacy



Original Color

9.0306, 11.5774, 7.7199

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.5302, 10.8029, 9.9704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.0306, 11.5774, 7.7199 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(78, 102, 71)` looks like.

```
.text, #text, p{  
    color:rgb(78, 102, 71)  
}
```

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(78, 102, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 102, 71) }
```

Border

The CSS property to change the border of an element to XYZ 9.0306, 11.5774, 7.7199 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(78, 102, 71) }
```


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

```
.border{ border-color:rgb(78, 102, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 102, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 102, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 102, 71);  
box-shadow:4px 4px 4px 4px rgb(78, 102,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 9.0306, 11.5774, 7.7199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 102, 71) }
```

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

```
.background{ background-color: rgb(78, 102,  
71) }
```

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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