

Converting Colors

XYZ(16.4414, 19.4720, 9.6965)

Have a look what the booklet for
XYZ(16.4414, 19.4720, 9.6965)
contains.

XYZ(16.3731, 19.3655, 9.7124)	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(16.3731, 19.3655,
9.7124)**

Conversions

Conversions Part 1

Format	Color
Hex	777E4C
RGB	119, 126, 76
RGB Percent	47%, 49%, 30%
CMY	0.5333, 0.5059, 0.7020
CMYK	0.06, 0.00, 0.40, 0.51
HSL	68°, 25%, 40%
HSV	68°, 40%, 49%
XYZ	16.3731, 19.3655, 9.7124
YIQ	118.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

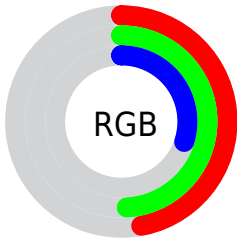
Format	Color
RYB	76, 126, 83
Decimal	7831116
CIELab	51.11, -11.07, 26.35
CIElCh	51, 28.580, 112.788
Yxy	19.3655, 0.3602, 0.4261
Android (android.graphics.Color)	4286021196 (0xFF777E4C)
YUV	118.2070, -20.8081, 0.6955
Hunter-Lab	44.0062, -10.5977, 17.7188

Details

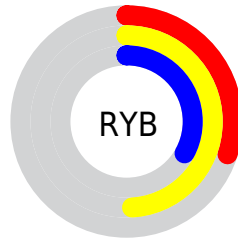
The XYZ color **16.3731, 19.3655, 9.7124** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.9184, 8.5147, 20.8606**, and the grayscale version is **17.3458, 18.2492, 19.8733**.

A 20% lighter version of the original color is **36.8993, 42.5172, 26.0005**, and **5.3425, 6.6667, 2.2335** is the 20% darker color. If you saturate the color by 10%, you get **15.7375, 19.0842, 7.6157**, and if you desaturate by 10%, it is **17.1000, 19.6852, 12.2621**.

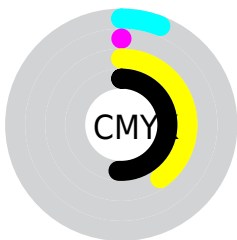
Distribution



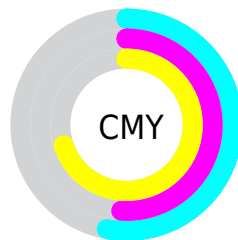
- Red (47%)
- Green (49%)
- Blue (30%)



- Red (30%)
- Yellow (49%)
- Blue (33%)



- Cyan (6%)
- Magenta (0%)
- Yellow (40%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.3731, 19.3655, 9.7124 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 16.3731, 19.3655, 9.7124 by changing the saturation by 10% instead.

■ 16.3731, 19.3655,
9.7124

■ 16.3731, 19.3655,
9.7124

224.7607,
248.4592, 199.0166

■ 9.8811, 11.9347,
5.1056

■ 36.7970, 42.3508,
25.8524

■ 5.3818, 6.6992,
2.2495

■ 51.4595, 58.6741,
38.2227

■ 2.5100, 3.2747,
0.7027

■ 69.5763, 78.7303,
54.0179

■ 0.9003, 1.2768,
0.0000

■ 91.5126, 102.9038,
73.6566

■ 0.0000, 0.1231,
0.0000

■ 117.6338,
131.5791, 97.5573

■ 0.0000, 0.0000,
0.0000

148.3054,

165.1405, 126.1385

183.8925,
203.9724, 159.8187

■ 16.3731, 19.3655,
9.7124

■ 16.3731, 19.3655,
9.7124

■ 15.7375, 19.0842,
7.6157

■ 17.1000, 19.6852,
12.2621

■ 15.1867, 18.8367,
5.9444

■ 17.9214, 20.0425,
15.2879

■ 14.7155, 18.6215,
4.6694

■ 18.8422, 20.4401,
18.8129

■ 14.3178, 18.4362,
3.7579

■ 19.8662, 20.8795,
22.8583

■ 13.9862, 18.2779,
3.1716

■ 20.9974, 21.3624,
27.4439

■ 13.6978, 18.1374,
2.7904

■ 22.2394, 21.8901,
32.5888

■ 13.6888, 18.1330,
2.7785

■ 23.5956, 22.4640,
38.3109

■ 25.0693, 23.0854,
44.6273

■ 26.6636, 23.7556,
51.5546

Harmonies

Analogous

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



19.0997, 19.3655, 9.0733



16.3731, 19.3655, 9.7124



14.3945, 19.3655, 12.9781

Triad

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



16.3731, 19.3655, 9.7124



15.3003, 19.3655, 36.1369



24.3664, 19.3655, 23.1085

Complementary

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



16.3731, 19.3655, 9.7124



9.9184, 8.5147, 20.8606

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.



23.1019, 19.3655, 32.0162



16.3731, 19.3655, 9.7124



17.7299, 19.3655, 40.6946

Square

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



16.3731, 19.3655, 9.7124



13.8209, 19.3655, 27.7348



20.6013, 19.3655, 39.0192



23.9080, 19.3655, 15.5946

Rectangle

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



16.3731, 19.3655, 9.7124



13.6715, 19.3655, 16.7922



20.6013, 19.3655, 39.0192



24.1247, 19.3655, 26.0550

Sweetspot

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



16.3736, 19.3664, 9.7128



32.7262, 35.7881, 31.4149



12.9772, 11.0936, 8.2950



7.4065, 8.1243, 7.0013



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.



16.3736, 19.3664, 9.7128



27.7585, 33.6166, 13.5916



13.4164, 17.8419, 9.5744



4.6080, 4.9899, 4.6404



14.0399, 18.6002, 2.8502



0.0000, 0.0000, 0.0000

Inverse Universe

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



9.9184, 8.5147, 20.8606



14.6733, 11.6051, 36.2110



12.4949, 9.8430, 20.9812



4.1606, 4.2384, 5.4121



4.1103, 1.6726, 20.3562



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 16.3731, 19.3655, 9.7124 looks on a white 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

Black Background



This preview shows how the XYZ color 16.3731, 19.3655, 9.7124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

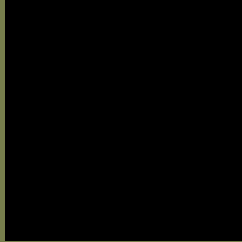
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.3731, 19.3655, 9.7124

Background



This preview shows how black text looks on a background with the XYZ color 16.3731, 19.3655, 9.7124.



This preview shows how white text looks on a background with the XYZ color 16.3731, 19.3655,

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

16.3731, 19.3655, 9.7124

Protanopia

17.8684, 19.4000, 9.2814

Deuteranopia

19.4746, 19.1518, 9.8780



Tritanopia

19.1364, 19.3779, 23.5006

Trichromacy



Original Color

16.3731, 19.3655, 9.7124

Protanomaly

17.2550, 19.2631, 9.4653

Deuteranomaly

18.2094, 19.2030, 9.7680

Tritanomaly

17.9424, 19.2558, 17.5229

Monochromacy



Original Color

16.3731, 19.3655, 9.7124

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7568, 18.5056, 15.5207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.3731, 19.3655, 9.7124 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, 126, 76)` looks like.

```
.text, #text, p{  
    color:rgb(119, 126, 76)  
}
```

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, 126, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 126, 76) }
```

Border

The CSS property to change the border of an element to XYZ 16.3731, 19.3655, 9.7124 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, 126, 76) }
```


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

```
.border{ border-color:rgb(119, 126, 76) }
```

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

Here you see how a box with a 4 pixel rgb(119, 126, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 126, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 126, 76);  
box-shadow:4px 4px 4px 4px rgb(119, 126,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 16.3731, 19.3655, 9.7124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 126, 76) }
```

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

```
.background{ background-color: rgb(119,  
126, 76) }
```

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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