

Converting Colors

XYZ(15.1377, 16.0290, 11.9689)

Have a look what the booklet for
XYZ(15.1377, 16.0290, 11.9689)
contains.

XYZ(15.1377, 16.0290, 11.9689)	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(15.1377, 16.0290,
11.9689)**

Conversions

Conversions Part 1

Format	Color
Hex	776F5A
RGB	119, 111, 90
RGB Percent	47%, 44%, 35%
CMY	0.5333, 0.5647, 0.6471
CMYK	0.00, 0.07, 0.24, 0.53
HSL	43°, 14%, 41%
HSV	43°, 24%, 47%
XYZ	15.1377, 16.0290, 11.9689
YIQ	110.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

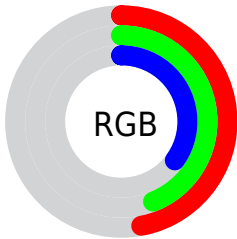
Format	Color
R_{YB}	101, 119, 90
Decimal	7827290
CIE _{Lab}	47.01, -0.58, 12.84
CIE _{LCh}	47, 12.849, 92.587
Yxy	16.0290, 0.3509, 0.3716
Android (android.graphics.Color)	4286017370 (0xFF776F5A)
YUV	110.9980, -10.3520, 7.0178
Hunter-Lab	40.0362, -2.5726, 10.3005

Details

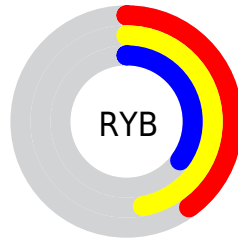
The XYZ color **15.1377, 16.0290, 11.9689** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9139, 12.2408, 19.1878**, and the grayscale version is **15.1359, 15.9242, 17.3415**.

A 20% lighter version of the original color is **34.6254, 36.7458, 30.0786**, and **4.7579, 5.0390, 3.1047** is the 20% darker color. If you saturate the color by 10%, you get **14.3198, 15.1399, 9.3942**, and if you desaturate by 10%, it is **16.0507, 16.9783, 14.9758**.

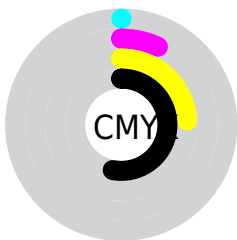
Distribution



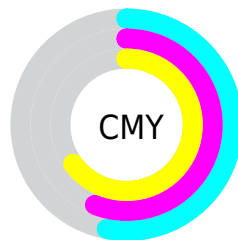
- Red (47%)
- Green (44%)
- Blue (35%)



- Red (40%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (24%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1377, 16.0290, 11.9689 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 15.1377, 16.0290, 11.9689 by changing the saturation by 10% instead.

■ 15.1377, 16.0290,
11.9689

■ 15.1377, 16.0290,
11.9689

217.5701,
229.5128, 215.1699

■ 9.0030, 9.5447,
6.6002

■ 34.6642, 36.6485,
30.1020

■ 4.8003, 5.0981,
3.1387

■ 48.7868, 51.5526,
43.7035

■ 2.1641, 2.3050,
1.1659

■ 66.3028, 70.0319,
60.8864

■ 0.7237, 0.7763,
0.0000

■ 87.5774, 92.4710,
82.0691

■ 0.0000, 0.0000,
0.0000

■ 112.9761,
119.2543, 107.6703

142.8642,

150.7660, 138.1085

177.6071,
187.3907, 173.8022

■ 15.1377, 16.0290,
11.9689

■ 15.1377, 16.0290,
11.9689

■ 14.3198, 15.1399,
9.3942

■ 16.0507, 16.9783,
14.9758

■ 13.5918, 14.3070,
7.2305

■ 17.0613, 17.9874,
18.4330

■ 12.9498, 13.5291,
5.4560

■ 18.1735, 19.0586,
22.3585

■ 12.3890, 12.8041,
4.0467

■ 19.3905, 20.1935,
26.7694

■ 11.9043, 12.1297,
2.9759

■ 20.7155, 21.3935,
31.6816

■ 11.4898, 11.5032,
2.2131

■ 22.1516, 22.6600,
37.1104

■ 11.1367, 10.9210,
1.7134

■ 23.7017, 23.9944,
43.0704

■ 10.9502, 10.6066,
1.4702

■ 25.3685, 25.3981,
49.5758

■ 27.1547, 26.8722,
56.6400

Harmonies

Analogous

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



16.2524, 16.0290, 12.5128



15.1377, 16.0290, 11.9689



14.1000, 16.0290, 12.7380

Triad

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



15.1377, 16.0290, 11.9689



13.4849, 16.0290, 21.0049



17.2362, 16.0290, 20.4619

Complementary

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



15.1377, 16.0290, 11.9689



11.9139, 12.2408, 19.1878

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.



16.4295, 16.0290, 23.2076



15.1377, 16.0290, 11.9689



14.2611, 16.0290, 23.5472

Square

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



15.1377, 16.0290, 11.9689



13.1756, 16.0290, 17.7338



15.3329, 16.0290, 24.3985



17.4988, 16.0290, 17.1748

Rectangle

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



15.1377, 16.0290, 11.9689



13.5814, 16.0290, 13.9545



15.3329, 16.0290, 24.3985



17.0178, 16.0290, 21.4919

Sweetspot

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



15.1381, 16.0297, 11.9692



30.0254, 31.6915, 31.1860



13.4790, 12.1204, 13.2383



7.0975, 7.4925, 7.3279



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.



15.1381, 16.0297, 11.9692



26.3008, 27.8363, 18.8647



15.2162, 17.4240, 12.2343



3.8854, 4.1037, 3.9296



11.6256, 11.2524, 1.5592



55.9085, 53.3454, 7.3500

Inverse Universe

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



11.9139, 12.2408, 19.1878



19.5163, 19.8648, 34.0588



11.8399, 11.1466, 18.9805



3.5753, 3.7392, 4.6235



4.1028, 2.5453, 18.8176



19.3628, 11.1422, 91.4904

Previews

White Background



This preview shows how the XYZ color 15.1377, 16.0290, 11.9689 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 15.1377, 16.0290, 11.9689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

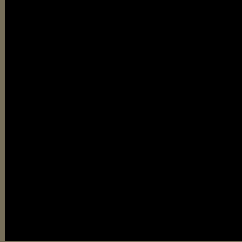
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.1377, 16.0290, 11.9689

Background



This preview shows how black text looks on a background with the XYZ color 15.1377, 16.0290, 11.9689.



This preview shows how white text looks on a background with the XYZ color 15.1377, 16.0290,

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

15.1377, 16.0290, 11.9689

Protanopia

15.0011, 15.9586, 11.9625

Deuteranopia

16.1993, 15.9378, 12.1200



Tritanopia

16.4361, 15.9139, 18.7284

Trichromacy



Original Color

15.1377, 16.0290, 11.9689

Protanomaly

15.0011, 15.9586, 11.9625

Deuteranomaly

15.7083, 15.8404, 12.1271

Tritanomaly

15.9016, 15.8516, 16.1315

Monochromacy



Original Color

15.1377, 16.0290, 11.9689

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0721, 15.9256, 15.1115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1377, 16.0290, 11.9689 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, 111, 90)` looks like.

```
.text, #text, p{  
    color:rgb(119, 111, 90)  
}
```

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, 111, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 111, 90) }
```

Border

The CSS property to change the border of an element to XYZ 15.1377, 16.0290, 11.9689 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, 111, 90) }
```


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

```
.border{ border-color:rgb(119, 111, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 111, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(119, 111,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1377, 16.0290, 11.9689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 111, 90) }
```

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

```
.background{ background-color: rgb(119,  
111, 90) }
```

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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