

Converting Colors

XYZ(15.3686, 16.1625, 8.9610)

Have a look what the booklet for
XYZ(15.3686, 16.1625, 8.9610)
contains.

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Color

**XYZ(15.4119, 16.2369,
8.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6F4B
RGB	125, 111, 75
RGB Percent	49%, 44%, 29%
CMY	0.5098, 0.5647, 0.7059
CMYK	0.00, 0.11, 0.40, 0.51
HSL	43°, 25%, 39%
HSV	43°, 40%, 49%
XYZ	15.4119, 16.2369, 8.9783
YIQ	111.0820, 19.9000, -8.2280

Conversions

Conversions Part 2

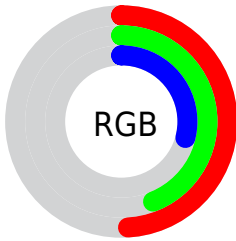
Format	Color
RYB	94, 125, 75
Decimal	8220491
CIELab	47.28, -0.12, 22.06
CIElCh	47, 22.059, 90.318
Yxy	16.2369, 0.3794, 0.3997
Android (android.graphics.Color)	4286410571 (0xFF7D6F4B)
YUV	111.0820, -17.7884, 12.2061
Hunter-Lab	40.2950, -2.2443, 14.9959

Details

The XYZ color **15.4119, 16.2369, 8.9783** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.1755, 10.1209, 20.8192**, and the grayscale version is **15.1796, 15.9701, 17.3914**.

A 20% lighter version of the original color is **35.3257, 37.2333, 24.3937**, and **4.9694, 5.2564, 1.9810** is the 20% darker color. If you saturate the color by 10%, you get **14.6512, 15.3342, 6.8174**, and if you desaturate by 10%, it is **16.2725, 17.2047, 11.5877**.

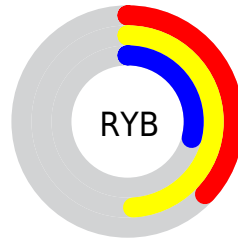
Distribution



Red (49%)

Green (44%)

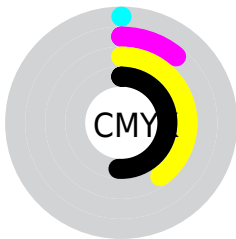
Blue (29%)



Red (37%)

Yellow (49%)

Blue (29%)

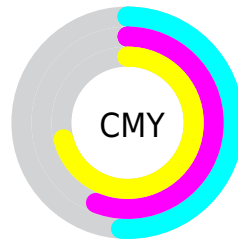


Cyan (0%)

Magenta (11%)

Yellow (40%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4119, 16.2369, 8.9783 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 15.4119, 16.2369, 8.9783 by changing the saturation by 10% instead.

■ 15.4119, 16.2369,
8.9783

■ 15.4119, 16.2369,
8.9783

219.1853,
230.7356, 193.4280

■ 9.1972, 9.6919,
4.6304

■ 35.1399, 37.0090,
24.4322

■ 4.9281, 5.1952,
1.9772

■ 49.3839, 52.0049,
36.3753

■ 2.2395, 2.3622,
0.5412

■ 67.0351, 70.5866,
51.6872

■ 0.7634, 0.8064,
0.0000

■ 88.4587, 93.1385,
70.7865

■ 0.0000, 0.0000,
0.0000

■ 114.0202,
120.0449, 94.0917

144.0849,

151.6903, 122.0213

179.0181,
188.4591, 154.9939

■ 15.4119, 16.2369,
8.9783

■ 15.4119, 16.2369,
8.9783

■ 14.6512, 15.3342,
6.8174

■ 16.2725, 17.2047,
11.5877

■ 13.9840, 14.4920,
5.0779

■ 17.2364, 18.2374,
14.6685

■ 13.4052, 13.7085,
3.7313

■ 18.3085, 19.3379,
18.2435

■ 12.9083, 12.9808,
2.7450

■ 19.4928, 20.5079,
22.3334

■ 12.4860, 12.3059,
2.0813

■ 20.7933, 21.7495,
26.9579

■ 12.1143, 11.6738,
1.6148

■ 22.2136, 23.0641,
32.1356

■ 12.1143, 11.6737,
1.6148

■ 23.7572, 24.4536,
37.8842

■ 25.4275, 25.9195,
44.2207

■ 27.2278, 27.4632,
51.1612

Harmonies

Analogous

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



17.3619, 16.2369, 9.9039



15.4119, 16.2369, 8.9783



13.6188, 16.2369, 9.9444

Triad

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



15.4119, 16.2369, 8.9783



12.4210, 16.2369, 23.6633



18.9194, 16.2369, 23.5383

Complementary

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



15.4119, 16.2369, 8.9783



10.1755, 10.1209, 20.8192

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.



17.4009, 16.2369, 28.6449



15.4119, 16.2369, 8.9783



13.6519, 16.2369, 28.7272

Square

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



15.4119, 16.2369, 8.9783



11.9833, 16.2369, 17.7388



15.4535, 16.2369, 30.7157



19.4877, 16.2369, 17.6197

Rectangle

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



15.4119, 16.2369, 8.9783



12.7268, 16.2369, 11.6783



15.4535, 16.2369, 30.7157



18.4972, 16.2369, 25.4479

Sweetspot

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



15.4123, 16.2377, 8.9786



32.3288, 34.1671, 31.1229



12.7838, 10.1163, 10.7669



7.3091, 7.7265, 6.9296



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.



15.4123, 16.2377, 8.9786



26.3445, 27.5912, 12.5032



15.5648, 18.7638, 9.4582



4.5668, 4.8223, 4.6102



12.6376, 12.1717, 1.6833



0.0000, 0.0000, 0.0000

Inverse Universe

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



10.1755, 10.1209, 20.8192



15.5989, 15.0487, 36.8269



10.0403, 8.4835, 20.5103



4.1993, 4.3926, 5.4398



4.4850, 2.7885, 20.5518



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.4119, 16.2369, 8.9783 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 15.4119, 16.2369, 8.9783 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 15.4119, 16.2369, 8.9783

Background



This preview shows how black text looks on a background with the XYZ color 15.4119, 16.2369, 8.9783.



This preview shows how white text looks on a background with the XYZ color 15.4119, 16.2369,

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

15.4119, 16.2369, 8.9783

Protanopia

15.0902, 16.2339, 8.9947

Deuteranopia

16.3937, 16.1055, 9.0821



Tritanopia

17.2446, 16.1901, 18.1357

Trichromacy



Original Color

15.4119, 16.2369, 8.9783

Protanomaly

15.2325, 16.3073, 9.0014

Deuteranomaly

16.0271, 16.0722, 9.0950

Tritanomaly

16.5649, 16.2344, 14.3171

Monochromacy



Original Color

15.4119, 16.2369, 8.9783

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0915, 15.9637, 13.8412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4119, 16.2369, 8.9783 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(125, 111, 75)` looks like.

```
.text, #text, p{  
    color:rgb(125, 111, 75)  
}
```

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(125, 111, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 111, 75) }
```

Border

The CSS property to change the border of an element to XYZ 15.4119, 16.2369, 8.9783 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(125, 111, 75) }
```


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

```
.border{ border-color:rgb(125, 111, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 111, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 111, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 111, 75);  
box-shadow:4px 4px 4px 4px rgb(125, 111,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4119, 16.2369, 8.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 111, 75) }
```

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

```
.background{ background-color: rgb(125,  
111, 75) }
```

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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