

Converting Colors

XYZ(15.1003, 16.7943, 14.6762)

Have a look what the booklet for
XYZ(15.1003, 16.7943, 14.6762)
contains.

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Color

**XYZ(15.1499, 16.8099,
14.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7465
RGB	111, 116, 101
RGB Percent	44%, 45%, 40%
CMY	0.5647, 0.5451, 0.6039
CMYK	0.04, 0.00, 0.13, 0.55
HSL	80°, 7%, 43%
HSV	80°, 13%, 45%
XYZ	15.1499, 16.8099, 14.7581
YIQ	112.7950, 1.8350, -5.7250

Conversions

Conversions Part 2

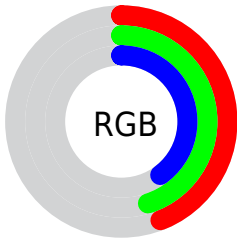
Format	Color
R_{YB}	101, 116, 106
Decimal	7304293
CIE Lab	48.02, -4.85, 7.64
CIE LCh	48, 9.051, 122.387
Yxy	16.8099, 0.3243, 0.3598
Android (android.graphics.Color)	4285494373 (0xFF6F7465)
YUV	112.7950, -5.8149, -1.5742
Hunter-Lab	40.9999, -5.7921, 7.3582

Details

The XYZ color **15.1499, 16.8099, 14.7581** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7507, 13.6330, 18.4306**, and the grayscale version is **15.6520, 16.4671, 17.9327**.

A 20% lighter version of the original color is **34.7744, 38.0588, 35.2190**, and **4.7829, 5.4573, 4.2913** is the 20% darker color. If you saturate the color by 10%, you get **14.1451, 16.3535, 11.9507**, and if you desaturate by 10%, it is **16.2570, 17.3107, 17.9899**.

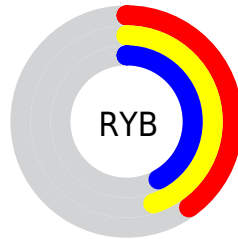
Distribution



Red (44%)

Green (45%)

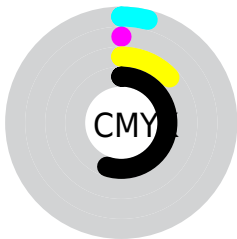
Blue (40%)



Red (40%)

Yellow (45%)

Blue (42%)

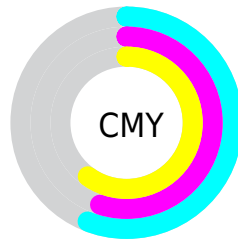


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1499, 16.8099, 14.7581 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 15.1499, 16.8099, 14.7581 by changing the saturation by 10% instead.

■ 15.1499, 16.8099,
14.7581

■ 15.1499, 16.8099,
14.7581

217.6422,
234.0745, 233.4875

■ 9.0117, 10.0990,
8.5051

■ 34.6854, 37.9986,
35.1645

■ 4.8060, 5.4647,
4.3274

■ 48.8134, 53.2453,
50.1550

■ 2.1674, 2.5224,
1.8066

■ 66.3354, 72.1061,
68.8950

■ 0.7255, 0.8878,
0.4323

■ 87.6167, 94.9652,
91.8032

■ 0.0000, 0.0000,
0.0000

113.0227,
122.2073, 119.2979

142.9187,

154.2166, 151.7979

177.6700,
191.3775, 189.7216

■ 15.1499, 16.8099,
14.7581

■ 15.1499, 16.8099,
14.7581

■ 14.1451, 16.3535,
11.9507

■ 16.2570, 17.3107,
17.9899

■ 13.2376, 15.9379,
9.5489

■ 17.4683, 17.8552,
21.6614

■ 12.4239, 15.5622,
7.5342

■ 18.7877, 18.4454,
25.7889

■ 11.7000, 15.2247,
5.8864

■ 20.2181, 19.0825,
30.3872

■ 11.0614, 14.9237,
4.5830

■ 21.7625, 19.7677,
35.4706

■ 10.5030, 14.6570,
3.5996

■ 23.4237, 20.5023,
41.0527

■ 10.0194, 14.4225,
2.9082

■ 25.2045, 21.2873,
47.1466

■ 9.6035, 14.2173,
2.4735

■ 27.1076, 22.1238,
53.7649

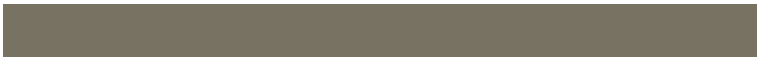
■ 9.3322, 14.0826,
2.2264

■ 29.1353, 23.0129,
60.9199

Harmonies

Analogous

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



15.9119, 16.8099, 14.1629



15.1499, 16.8099, 14.7581



14.6243, 16.8099, 16.2945

Triad

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



15.1499, 16.8099, 14.7581



15.2596, 16.8099, 22.5898



17.6002, 16.8099, 18.1162

Complementary

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



15.1499, 16.8099, 14.7581



13.7507, 13.6330, 18.4306

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.



17.4113, 16.8099, 20.4704



15.1499, 16.8099, 14.7581



16.0429, 16.8099, 23.1805

Square

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



15.1499, 16.8099, 14.7581



14.6861, 16.8099, 20.8224



16.8343, 16.8099, 22.3747



17.3420, 16.8099, 15.9958

Rectangle

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



15.1499, 16.8099, 14.7581



14.4691, 16.8099, 17.7131



16.8343, 16.8099, 22.3747



17.5868, 16.8099, 18.9061

Sweetspot

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



15.1504, 16.8106, 14.7585



28.3385, 30.3208, 30.9179



14.7061, 14.9613, 14.4249



6.7301, 7.2197, 7.2858



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.1504, 16.8106, 14.7585



25.9966, 29.2610, 24.1446



14.2460, 16.3444, 14.7161



3.8537, 4.2080, 3.9514



10.4523, 15.7927, 2.4974



49.9994, 76.4774, 12.1264

Inverse Universe

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



13.7507, 13.6330, 18.4306



22.9469, 22.3368, 32.1465



14.6813, 14.1127, 18.4742



3.6051, 3.6437, 4.6035



4.4448, 1.8827, 18.6717



20.8365, 8.7501, 90.9510

Previews

White Background



This preview shows how the XYZ color 15.1499, 16.8099, 14.7581 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 15.1499, 16.8099, 14.7581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

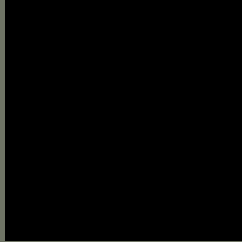
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

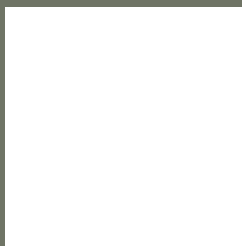
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1499, 16.8099, 14.7581

Background



This preview shows how black text looks on a background with the XYZ color 15.1499, 16.8099, 14.7581.



This preview shows how white text looks on a background with the XYZ color 15.1499, 16.8099,

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

15.1499, 16.8099, 14.7581

Protanopia

15.9253, 16.8767, 14.4748

Deuteranopia

17.0275, 16.7783, 14.9115



Tritanopia

16.3574, 16.7928, 20.7916

Trichromacy



Original Color

15.1499, 16.8099, 14.7581

Protanomaly

15.6334, 16.8946, 14.4936

Deuteranomaly

16.2185, 16.6852, 14.9361

Tritanomaly

15.8646, 16.7602, 18.3185

Monochromacy



Original Color

15.1499, 16.8099, 14.7581

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4597, 16.5835, 16.8541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1499, 16.8099, 14.7581 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(111, 116, 101)` looks like.

```
.text, #text, p{  
    color:rgb(111, 116, 101)  
}
```

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(111, 116, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 116, 101) }
```

Border

The CSS property to change the border of an element to XYZ 15.1499, 16.8099, 14.7581 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(111, 116, 101) }
```


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

```
.border{ border-color:rgb(111, 116, 101) }
```

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

Here you see how a box with a 4 pixel rgb(111, 116, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 116, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 116, 101);  
box-shadow:4px 4px 4px 4px rgb(111, 116,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1499, 16.8099, 14.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 116, 101) }
```

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

```
.background{ background-color: rgb(111,  
116, 101) }
```

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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