

Converting Colors

XYZ(14.8670, 16.8264, 14.3636)

Have a look what the booklet for
XYZ(14.8670, 16.8264, 14.3636)
contains.

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Color

**XYZ(14.9201, 16.8746,
14.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7563
RGB	109, 117, 99
RGB Percent	43%, 46%, 39%
CMY	0.5725, 0.5412, 0.6118
CMYK	0.07, 0.00, 0.15, 0.54
HSL	87°, 8%, 42%
HSV	87°, 15%, 46%
XYZ	14.9201, 16.8746, 14.2751
YIQ	112.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

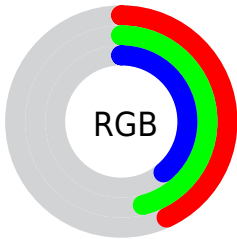
Format	Color
R _Y B	99, 117, 107
Decimal	7173475
CIE Lab	48.10, -6.58, 8.92
CIE LCh	48, 11.082, 126.419
Yxy	16.8746, 0.3239, 0.3663
Android (android.graphics.Color)	4285363555 (0xFF6D7563)
YUV	112.5560, -6.6831, -3.1186
Hunter-Lab	41.0787, -7.0552, 8.1515

Details

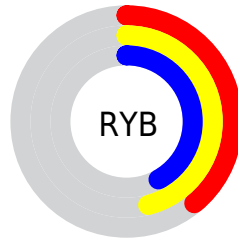
The XYZ color **14.9201, 16.8746, 14.2751** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7367, 13.3342, 18.6802**, and the grayscale version is **15.5839, 16.3955, 17.8547**.

A 20% lighter version of the original color is **34.3909, 38.1550, 34.4062**, and **4.6724, 5.4963, 4.0634** is the 20% darker color. If you saturate the color by 10%, you get **13.7800, 16.3474, 11.5104**, and if you desaturate by 10%, it is **16.1801, 17.4553, 17.4692**.

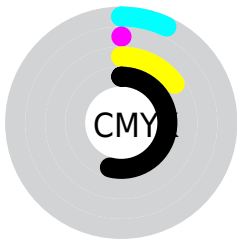
Distribution



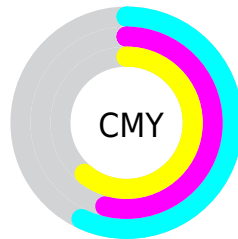
- Red (43%)
- Green (46%)
- Blue (39%)



- Red (39%)
- Yellow (46%)
- Blue (42%)



- Cyan (7%)
- Magenta (0%)
- Yellow (15%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9201, 16.8746, 14.2751 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 14.9201, 16.8746, 14.2751 by changing the saturation by 10% instead.

■ 14.9201, 16.8746,
14.2751

■ 14.9201, 16.8746,
14.2751

216.2801,
234.4487, 230.4232

■ 8.8493, 10.1451,
8.1713

■ 34.2858, 38.1100,
34.3005

■ 4.6993, 5.4953,
4.1154

■ 48.3113, 53.3848,
49.0592

■ 2.1049, 2.5407,
1.6889

■ 65.7191, 72.2768,
67.5399

■ 0.6919, 0.8969,
0.3531

■ 86.8746, 95.1704,
90.1612

■ 0.0000, 0.0000,
0.0000

112.1431,
122.4499, 117.3417

141.8899,

154.4999, 149.4998

176.4805,
191.7047, 187.0541

■ 14.9201, 16.8746,
14.2751

■ 14.9201, 16.8746,
14.2751

■ 13.7800, 16.3474,
11.5104

■ 16.1801, 17.4553,
17.4692

■ 12.7542, 15.8696,
9.1558

■ 17.5625, 18.0888,
21.1089

■ 11.8388, 15.4402,
7.1919

■ 19.0714, 18.7774,
25.2107

■ 11.0292, 15.0573,
5.5975

■ 20.7104, 19.5227,
29.7901

■ 10.3202, 14.7187,
4.3494

■ 22.4828, 20.3260,
34.8619

■ 9.7061, 14.4220,
3.4216

■ 24.3919, 21.1887,
40.4401

■ 9.1807, 14.1647,
2.7846

■ 26.4409, 22.1121,
46.5382

■ 8.7331, 13.9423,
2.3859

■ 28.6327, 23.0975,
53.1693

■ 8.5412, 13.8468,
2.2225

■ 30.9702, 24.1461,
60.3460

Harmonies

Analogous

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



15.8240, 16.8746, 13.4102



14.9201, 16.8746, 14.2751



14.3343, 16.8746, 16.2500

Triad

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



14.9201, 16.8746, 14.2751



15.2791, 16.8746, 23.9190



18.0341, 16.8746, 17.7626

Complementary

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



14.9201, 16.8746, 14.2751



13.7367, 13.3342, 18.6802

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.



17.8734, 16.8746, 20.6746



14.9201, 16.8746, 14.2751



16.2555, 16.8746, 24.4316

Square

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



14.9201, 16.8746, 14.2751



14.5354, 16.8746, 21.8542



17.2121, 16.8746, 23.1898



17.6425, 16.8746, 15.2836

Rectangle

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



14.9201, 16.8746, 14.2751



14.1887, 16.8746, 18.0305



17.2121, 16.8746, 23.1898



18.0431, 16.8746, 18.7210

Sweetspot

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



14.9206, 16.8753, 14.2755



29.0332, 31.2837, 31.4379



14.8257, 15.1570, 13.9488



6.6454, 7.1789, 7.1509



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.



14.9206, 16.8753, 14.2755



26.0658, 29.9165, 23.9571



13.8916, 16.3449, 14.2273



3.8170, 4.1891, 3.9497



9.3922, 15.2462, 2.4478



44.7719, 73.7825, 11.8817

Inverse Universe

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



13.7367, 13.3342, 18.6802



23.5737, 22.4617, 33.2301



14.8492, 13.9077, 18.7323



3.6408, 3.6621, 4.6052



5.0809, 2.2106, 18.7015



23.8053, 10.2806, 91.0900

Previews

White Background



This preview shows how the XYZ color 14.9201, 16.8746, 14.2751 looks on a white background.

Color Contrast Check

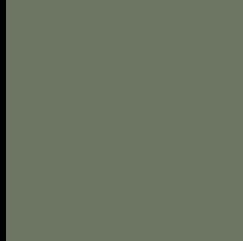
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9201, 16.8746, 14.2751 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

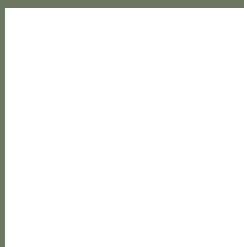
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9201, 16.8746, 14.2751

Background



This preview shows how black text looks on a background with the XYZ color 14.9201, 16.8746, 14.2751.

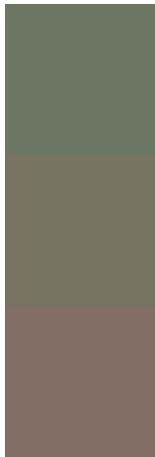


This preview shows how white text looks on a background with the XYZ color 14.9201, 16.8746,

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

14.9201, 16.8746, 14.2751

Protanopia

15.9207, 16.8908, 13.7304

Deuteranopia

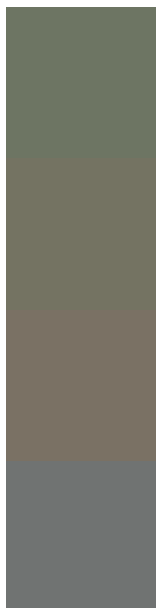
17.0821, 16.8178, 14.4024



Tritanopia

16.4025, 16.9754, 21.1510

Trichromacy



Original Color

14.9201, 16.8746, 14.2751

Protanomaly

15.5378, 16.8563, 13.9899

Deuteranomaly

16.2314, 16.8679, 14.4569

Tritanomaly

15.8501, 16.9211, 18.3503

Monochromacy



Original Color

14.9201, 16.8746, 14.2751

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4062, 16.5621, 16.5722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9201, 16.8746, 14.2751 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(109, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(109, 117, 99)  
}
```

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(109, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 117, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.9201, 16.8746, 14.2751 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(109, 117, 99) }
```


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

```
.border{ border-color:rgb(109, 117, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 117, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(109, 117,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9201, 16.8746, 14.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 117, 99) }
```

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

```
.background{ background-color: rgb(109,  
117, 99) }
```

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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