

Converting Colors

XYZ(14.5001, 16.9374, 9.5262)

Have a look what the booklet for
XYZ(14.5001, 16.9374, 9.5262)
contains.

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Color

**XYZ(14.5001, 16.9374,
9.5262)**

Conversions

Conversions Part 1

Format	Color
Hex	70764D
RGB	112, 118, 77
RGB Percent	44%, 46%, 30%
CMY	0.5608, 0.5372, 0.6980
CMYK	0.05, 0.00, 0.35, 0.54
HSL	69°, 21%, 38%
HSV	69°, 35%, 46%
XYZ	14.5001, 16.9374, 9.5262
YIQ	111.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

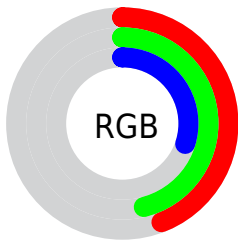
Format	Color
R_{YB}	77, 118, 83
Decimal	7370317
CIE _{Lab}	48.18, -9.48, 21.87
CIE _{LCh}	48, 23.835, 113.428
Yxy	16.9374, 0.3540, 0.4135
Android (android.graphics.Color)	4285560397 (0xFF70764D)
YUV	111.5320, -17.0243, 0.4104
Hunter-Lab	41.1551, -9.1308, 15.0846

Details

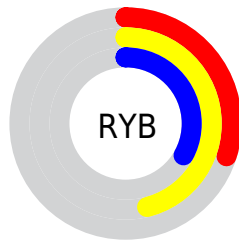
The XYZ color **14.5001, 16.9374, 9.5262** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.4918, 8.4552, 18.2722**, and the grayscale version is **15.3107, 16.1081, 17.5417**.

A 20% lighter version of the original color is **33.4505, 38.1483, 25.3390**, and **4.5008, 5.5414, 2.1989** is the 20% darker color. If you saturate the color by 10%, you get **13.9032, 16.6741, 7.5173**, and if you desaturate by 10%, it is **15.1777, 17.2347, 11.9342**.

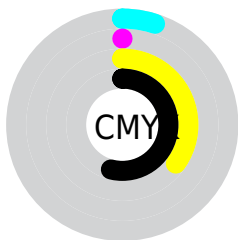
Distribution



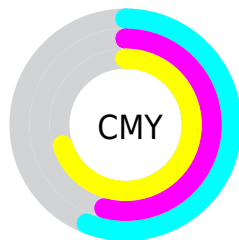
- Red (44%)
- Green (46%)
- Blue (30%)



- Red (30%)
- Yellow (46%)
- Blue (33%)



- Cyan (5%)
- Magenta (0%)
- Yellow (35%)
- Black (54%)



- Cyan (56%)
- Magenta (54%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5001, 16.9374, 9.5262 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 14.5001, 16.9374, 9.5262 by changing the saturation by 10% instead.

■ 14.5001, 16.9374,
9.5262

■ 14.5001, 16.9374,
9.5262

213.7691,
234.8114, 197.6166

■ 8.5533, 10.1899,
4.9845

■ 33.5527, 38.2181,
25.4942

■ 4.5058, 5.5250,
2.1796

■ 47.3892, 53.5201,
37.7575

■ 1.9921, 2.5585,
0.6626

■ 64.5864, 72.4423,
53.4318

■ 0.6295, 0.9058,
0.0000

■ 85.5095, 95.3692,
72.9356

■ 0.0000, 0.0000,
0.0000

■ 110.5240,
122.6852, 96.6874

139.9952,

154.7746, 125.1058

174.2884,
192.0219, 158.6094

■ 14.5001, 16.9374,
9.5262

■ 14.5001, 16.9374,
9.5262

■ 13.9032, 16.6741,
7.5173

■ 15.1777, 17.2347,
11.9342

■ 13.3815, 16.4407,
5.8848

■ 15.9385, 17.5651,
14.7603

■ 12.9311, 16.2364,
4.6056

■ 16.7866, 17.9310,
18.0232

■ 12.5469, 16.0590,
3.6534

■ 17.7251, 18.3335,
21.7405

■ 12.2232, 15.9063,
2.9983

■ 18.7574, 18.7740,
25.9287

■ 11.9510, 15.7747,
2.5930

■ 19.8864, 19.2537,
30.6035

■ 11.8152, 15.7086,
2.4093

■ 21.1149, 19.7738,
35.7799

■ 22.4457, 20.3352,
41.4722

■ 23.8815, 20.9391,
47.6941

Harmonies

Analogous

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



16.5794, 16.9374, 8.9559



14.5001, 16.9374, 9.5262



12.9826, 16.9374, 12.2138

Triad

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



14.5001, 16.9374, 9.5262



13.7443, 16.9374, 29.7635



20.5961, 16.9374, 19.8397

Complementary

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



14.5001, 16.9374, 9.5262



9.4918, 8.4552, 18.2722

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.



19.6768, 16.9374, 26.4926



14.5001, 16.9374, 9.5262



15.6269, 16.9374, 32.9944

Square

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



14.5001, 16.9374, 9.5262



12.5744, 16.9374, 23.5974



17.8102, 16.9374, 31.6798



20.2263, 16.9374, 14.0980

Rectangle

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



14.5001, 16.9374, 9.5262



12.4306, 16.9374, 15.2476



17.8102, 16.9374, 31.6798



20.4251, 16.9374, 22.0539

Sweetspot

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



14.5005, 16.9382, 9.5266



28.6750, 31.1652, 28.4352



11.8639, 10.4930, 8.4215



6.5557, 7.1493, 6.3951



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.



14.5005, 16.9382, 9.5266



24.6141, 29.3921, 13.7700



12.2355, 15.7705, 9.4206



3.9165, 4.2404, 3.9544



12.7737, 16.9895, 2.6060



61.6869, 82.5025, 12.6733

Inverse Universe

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



9.4918, 8.4552, 18.2722



14.3535, 12.0063, 31.6979



11.5141, 9.4977, 18.3668



3.5460, 3.6132, 4.6008



3.7856, 1.5429, 18.6408



17.9877, 7.2815, 90.8177

Previews

White Background



This preview shows how the XYZ color 14.5001, 16.9374, 9.5262 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 14.5001, 16.9374, 9.5262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

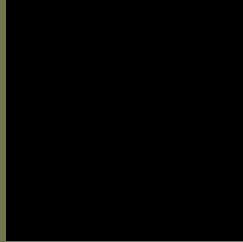
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.5001, 16.9374, 9.5262

Background



This preview shows how black text looks on a background with the XYZ color 14.5001, 16.9374, 9.5262.



This preview shows how white text looks on a background with the XYZ color 14.5001, 16.9374,

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

14.5001, 16.9374, 9.5262

Protanopia

15.5995, 16.8277, 9.0825

Deuteranopia

17.0333, 16.7360, 9.7298



Tritanopia

16.8275, 17.0423, 20.4917

Trichromacy



Original Color

14.5001, 16.9374, 9.5262

Protanomaly

15.1810, 16.7763, 9.2755

Deuteranomaly

15.9217, 16.6504, 9.5824

Tritanomaly

15.8830, 16.9944, 15.8077

Monochromacy



Original Color

14.5001, 16.9374, 9.5262

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9515, 16.3802, 14.1780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5001, 16.9374, 9.5262 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(112, 118, 77)` looks like.

```
.text, #text, p{  
    color:rgb(112, 118, 77)  
}
```

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(112, 118, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 118, 77) }
```

Border

The CSS property to change the border of an element to XYZ 14.5001, 16.9374, 9.5262 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(112, 118, 77) }
```


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

```
.border{ border-color:rgb(112, 118, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 118, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 118, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 118, 77);  
box-shadow:4px 4px 4px 4px rgb(112, 118,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5001, 16.9374, 9.5262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 118, 77) }
```

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

```
.background{ background-color: rgb(112,  
118, 77) }
```

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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