

Converting Colors

XYZ(14.2104, 14.9610, 9.9219)

Have a look what the booklet for
XYZ(14.2104, 14.9610, 9.9219)
contains.

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Color

**XYZ(14.2141, 14.9610,
9.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	766B51
RGB	118, 107, 81
RGB Percent	46%, 42%, 32%
CMY	0.5373, 0.5804, 0.6823
CMYK	0.00, 0.09, 0.31, 0.54
HSL	42°, 19%, 39%
HSV	42°, 31%, 46%
XYZ	14.2141, 14.9610, 9.9232
YIQ	107.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

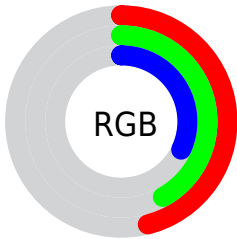
Format	Color
R_{YB}	97, 118, 81
Decimal	7760721
CIE Lab	45.58, -0.04, 16.17
CIE LCh	46, 16.170, 90.130
Yxy	14.9610, 0.3635, 0.3827
Android (android.graphics.Color)	4285950801 (0xFF766B51)
YUV	107.3250, -12.9782, 9.3620
Hunter-Lab	38.6795, -2.0931, 11.8648

Details

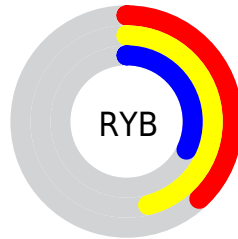
The XYZ color **14.2141, 14.9610, 9.9232** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.4904, 10.7114, 18.6542**, and the grayscale version is **14.0977, 14.8319, 16.1520**.

A 20% lighter version of the original color is **33.0507, 34.7234, 26.0794**, and **4.3885, 4.6243, 2.3303** is the 20% darker color. If you saturate the color by 10%, you get **13.4514, 14.0832, 7.6724**, and if you desaturate by 10%, it is **15.0694, 15.9007, 12.5847**.

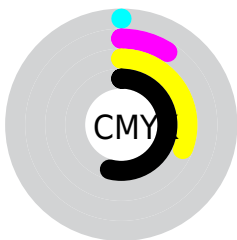
Distribution



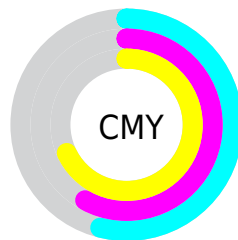
- Red (46%)
- Green (42%)
- Blue (32%)



- Red (38%)
- Yellow (46%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2141, 14.9610, 9.9232 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 14.2141, 14.9610, 9.9232 by changing the saturation by 10% instead.

■ 14.2141, 14.9610,
9.9232

■ 14.2141, 14.9610,
9.9232

212.0428,
223.1300, 200.5879

■ 8.3524, 8.7920,
5.2431

■ 33.0515, 34.7847,
26.2565

■ 4.3750, 4.6058,
2.3294

■ 46.7580, 49.2083,
38.7468

■ 1.9164, 2.0179,
0.7476

■ 63.8101, 67.1522,
54.6776

■ 0.5863, 0.6178,
0.0000

■ 84.5732, 89.0008,
74.4674

■ 0.0000, 0.0000,
0.0000

■ 109.4127,
115.1384, 98.5349

138.6939,

145.9496, 127.2984

172.7821,
181.8187, 161.1765

■ 14.2141, 14.9610,
9.9232

■ 14.2141, 14.9610,
9.9232

■ 13.4514, 14.0832,
7.6724

■ 15.0694, 15.9007,
12.5847

■ 12.7759, 13.2631,
5.8102

■ 16.0199, 16.9019,
15.6754

■ 12.1835, 12.4995,
4.3142

■ 17.0696, 17.9671,
19.2139

■ 11.6692, 11.7900,
3.1590

■ 18.2220, 19.0979,
23.2174

■ 11.2274, 11.1322,
2.3161

■ 19.4804, 20.2959,
27.7022

■ 10.8517, 10.5230,
1.7521

■ 20.8477, 21.5626,
32.6837

■ 10.5589, 10.0270,
1.3789

■ 22.3270, 22.8993,
38.1767

■ 23.9211, 24.3075,
44.1954

■ 25.6327, 25.7885,
50.7534

Harmonies

Analogous

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



15.5540, 14.9610, 10.6508



14.2141, 14.9610, 9.9232



12.9550, 14.9610, 10.6635

Triad

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



14.2141, 14.9610, 9.9232



12.0886, 14.9610, 20.3188



16.5947, 14.9610, 20.2850

Complementary

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



14.2141, 14.9610, 9.9232



10.4904, 10.7114, 18.6542

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.



15.5648, 14.9610, 23.6123



14.2141, 14.9610, 9.9232



12.9646, 14.9610, 23.6339

Square

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



14.2141, 14.9610, 9.9232



11.7763, 14.9610, 16.3068



14.2259, 14.9610, 24.9238



16.9803, 14.9610, 16.2731

Rectangle

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



14.2141, 14.9610, 9.9232



12.3172, 14.9610, 11.9694



14.2259, 14.9610, 24.9238



16.3093, 14.9610, 21.5422

Sweetspot

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



14.2145, 14.9617, 9.9235



28.5467, 30.1087, 28.8213



12.3499, 10.5111, 11.5263



6.5151, 6.8729, 6.4657



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.



14.2145, 14.9617, 9.9235



23.9607, 25.1253, 14.3799



14.4690, 16.9046, 10.2851



3.8791, 4.0913, 3.9275



11.4122, 10.8255, 1.4881



54.8401, 51.2087, 6.9939

Inverse Universe

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



10.4904, 10.7114, 18.6542



16.2643, 16.3447, 32.4346



10.2751, 9.2874, 18.3907



3.5812, 3.7510, 4.6255



4.1801, 2.7000, 18.8434



19.7069, 11.8304, 91.6051

Previews

White Background



This preview shows how the XYZ color 14.2141, 14.9610, 9.9232 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 14.2141, 14.9610, 9.9232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

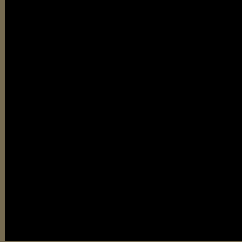
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.2141, 14.9610, 9.9232

Background



This preview shows how black text looks on a background with the XYZ color 14.2141, 14.9610, 9.9232.



This preview shows how white text looks on a background with the XYZ color 14.2141, 14.9610,

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

14.2141, 14.9610, 9.9232

Protanopia

14.0502, 15.0322, 9.9456

Deuteranopia

15.2257, 15.0219, 10.0797



Tritanopia

15.6046, 14.9131, 17.0950

Trichromacy



Original Color

14.2141, 14.9610, 9.9232

Protanomaly

14.1839, 15.1011, 9.9518

Deuteranomaly

14.8867, 14.9974, 10.0928

Tritanomaly

14.9963, 14.8138, 14.1256

Monochromacy



Original Color

14.2141, 14.9610, 9.9232

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0178, 14.7767, 13.6686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2141, 14.9610, 9.9232 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(118, 107, 81)` looks like.

```
.text, #text, p{  
    color:rgb(118, 107, 81)  
}
```

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(118, 107, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 107, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.2141, 14.9610, 9.9232 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(118, 107, 81) }
```


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

```
.border{ border-color:rgb(118, 107, 81) }
```

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

Here you see how a box with a 4 pixel rgb(118, 107, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 107, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 107, 81);  
box-shadow:4px 4px 4px 4px rgb(118, 107,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2141, 14.9610, 9.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 107, 81) }
```

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

```
.background{ background-color: rgb(118,  
107, 81) }
```

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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