

Converting Colors

XYZ(14.4435, 14.7153, 12.6316)

Have a look what the booklet for
XYZ(14.4435, 14.7153, 12.6316)
contains.

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Color

**XYZ(14.4081, 14.6932,
12.6664)**

Conversions

Conversions Part 1

Format	Color
Hex	75695E
RGB	117, 105, 94
RGB Percent	46%, 41%, 37%
CMY	0.5412, 0.5882, 0.6314
CMYK	0.00, 0.10, 0.20, 0.54
HSL	29°, 11%, 41%
HSV	29°, 20%, 46%
XYZ	14.4081, 14.6932, 12.6664
YIQ	107.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

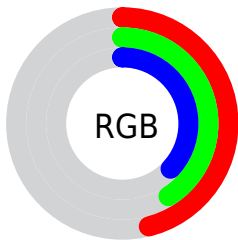
Format	Color
R_{YB}	117, 115, 94
Decimal	7694686
CIE _{Lab}	45.21, 2.76, 7.90
CIE _{LCh}	45, 8.371, 70.760
Yxy	14.6932, 0.3450, 0.3518
Android (android.graphics.Color)	4285884766 (0xFF75695E)
YUV	107.3340, -6.5737, 8.4771
Hunter-Lab	38.3317, 0.0140, 7.2403

Details

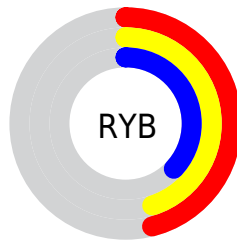
The XYZ color **14.4081, 14.6932, 12.6664** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9810, 13.9719, 18.8425**, and the grayscale version is **14.0838, 14.8173, 16.1360**.

A 20% lighter version of the original color is **33.2847, 34.2256, 31.2375**, and **4.4305, 4.4685, 3.4253** is the 20% darker color. If you saturate the color by 10%, you get **13.3230, 13.3004, 9.9079**, and if you desaturate by 10%, it is **15.6182, 16.2084, 15.8597**.

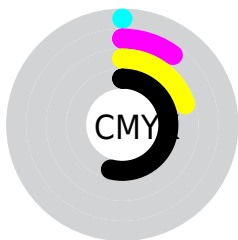
Distribution



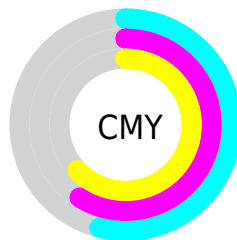
- Red (46%)
- Green (41%)
- Blue (37%)



- Red (46%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (54%)



- Cyan (54%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4081, 14.6932, 12.6664 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 14.4081, 14.6932, 12.6664 by changing the saturation by 10% instead.

■ 14.4081, 14.6932,
12.6664

■ 14.4081, 14.6932,
12.6664

213.2153,
221.5017, 219.9007

■ 8.4886, 8.6044,
7.0712

■ 33.3917, 34.3141,
31.3855

■ 4.4636, 4.4840,
3.4276

■ 47.1865, 48.6149,
45.3465

■ 1.9676, 1.9478,
1.3169

■ 64.3371, 66.4218,
62.9332

■ 0.6157, 0.5769,
0.0756

■ 85.2090, 88.1192,
84.5641

■ 0.0000, 0.0000,
0.0000

110.1673,
114.0915, 110.6577

139.5776,

144.7230, 141.6327

173.8051,
180.3983, 177.9075

■ 14.4081, 14.6932,
12.6664

■ 14.4081, 14.6932,
12.6664

■ 13.3230, 13.3004,
9.9079

■ 15.6182, 16.2084,
15.8597

■ 12.3572, 12.0247,
7.5640

■ 16.9565, 17.8472,
19.5047

■ 11.5064, 10.8635,
5.6146

■ 18.4272, 19.6133,
23.6187

■ 10.7654, 9.8128,
4.0373

■ 20.0343, 21.5095,
28.2177

■ 10.1284, 8.8690,
2.8074

■ 21.7815, 23.5387,
33.3169

■ 9.5894, 8.0278,
1.8974

■ 23.6722, 25.7035,
38.9310

■ 9.1410, 7.2845,
1.2753

■ 25.7099, 28.0067,
45.0740

■ 8.7611, 6.6283,
0.8291

■ 27.8979, 30.4506,
51.7592

■ 8.7488, 6.6071,
0.8142

■ 30.2392, 33.0378,
58.9998

Harmonies

Analogous

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



14.9968, 14.6932, 13.6393



14.4081, 14.6932, 12.6664



13.7187, 14.6932, 12.5421

Triad

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



14.4081, 14.6932, 12.6664



12.6998, 14.6932, 16.7197



14.8515, 14.6932, 19.0589

Complementary

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



14.4081, 14.6932, 12.6664



12.9810, 13.9719, 18.8425

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.



14.2151, 14.6932, 20.0376



14.4081, 14.6932, 12.6664



12.9825, 14.6932, 18.6150

Square

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



14.4081, 14.6932, 12.6664



12.7476, 14.6932, 14.7763



13.5320, 14.6932, 19.8688



15.2585, 14.6932, 17.2860

Rectangle

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



14.4081, 14.6932, 12.6664



13.2965, 14.6932, 12.9448



13.5320, 14.6932, 19.8688



14.6564, 14.6932, 19.4980

Sweetspot

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



14.4085, 14.6939, 12.6667



28.7802, 30.0266, 30.5923



13.9544, 12.8337, 15.4504



6.5916, 6.8723, 6.9647



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.



14.4085, 14.6939, 12.6667



24.8093, 25.0472, 20.1355



15.6290, 17.1349, 13.0736



3.8150, 3.9630, 3.9062



9.6237, 7.2487, 0.8919



46.0498, 33.6280, 4.0638

Inverse Universe

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



12.9810, 13.9719, 18.8425



21.7143, 23.4817, 33.5249



11.8984, 11.8067, 18.4816



3.6439, 3.8765, 4.6464



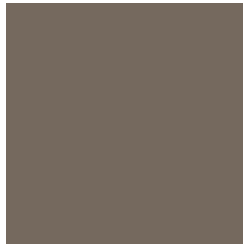
5.3626, 5.0650, 19.2376



25.2703, 22.9571, 93.4596

Previews

White Background



This preview shows how the XYZ color 14.4081, 14.6932, 12.6664 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 14.4081, 14.6932, 12.6664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

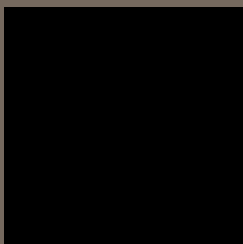
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

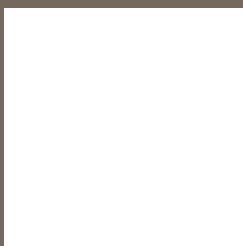
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4081, 14.6932, 12.6664

Background



This preview shows how black text looks on a background with the XYZ color 14.4081, 14.6932, 12.6664.



This preview shows how white text looks on a background with the XYZ color 14.4081, 14.6932,

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

14.4081, 14.6932, 12.6664

Protanopia

14.0053, 14.7864, 12.9424

Deuteranopia

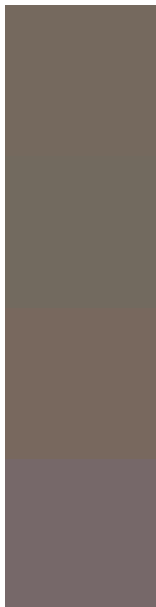
14.8967, 14.6462, 12.6315



Tritanopia

15.3272, 14.7701, 17.0820

Trichromacy



Original Color

14.4081, 14.6932, 12.6664

Protanomaly

14.1590, 14.7117, 12.9199

Deuteranomaly

14.7164, 14.7019, 12.6518

Tritanomaly

14.9713, 14.7721, 15.4268

Monochromacy



Original Color

14.4081, 14.6932, 12.6664

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1079, 14.6469, 14.6539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4081, 14.6932, 12.6664 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(117, 105, 94)` looks like.

```
.text, #text, p{  
    color:rgb(117, 105, 94)  
}
```

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(117, 105, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 105, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.4081, 14.6932, 12.6664 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(117, 105, 94) }
```


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

```
.border{ border-color:rgb(117, 105, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 105, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 105, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 105, 94);  
box-shadow:4px 4px 4px 4px rgb(117, 105,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4081, 14.6932, 12.6664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 105, 94) }
```

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

```
.background{ background-color: rgb(117,  
105, 94) }
```

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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