

Converting Colors

XYZ(14.3543, 15.4293, 12.7915)

Have a look what the booklet for
XYZ(14.3543, 15.4293, 12.7915)
contains.

XYZ(14.4064, 15.4707, 12.8165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4064, 15.4707,
12.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	716E5E
RGB	113, 110, 94
RGB Percent	44%, 43%, 37%
CMY	0.5569, 0.5686, 0.6314
CMYK	0.00, 0.03, 0.17, 0.56
HSL	51°, 9%, 41%
HSV	51°, 17%, 44%
XYZ	14.4064, 15.4707, 12.8165
YIQ	109.0730, 6.9240, -4.3400

Conversions

Conversions Part 2

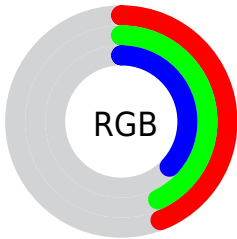
Format	Color
RYB	98, 113, 94
Decimal	7433822
CIELab	46.27, -1.83, 9.35
CIELCh	46, 9.526, 101.050
Yxy	15.4707, 0.3374, 0.3624
Android (android.graphics.Color)	4285623902 (0xFF716E5E)
YUV	109.0730, -7.4310, 3.4440
Hunter-Lab	39.3328, -3.4534, 8.2135

Details

The XYZ color **14.4064, 15.4707, 12.8165** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8715, 12.1212, 17.3370**, and the grayscale version is **14.5759, 15.3350, 16.6998**.

A 20% lighter version of the original color is **33.4714, 35.8536, 31.5419**, and **4.4910, 4.8922, 3.5039** is the 20% darker color. If you saturate the color by 10%, you get **13.7457, 14.9022, 10.2751**, and if you desaturate by 10%, it is **15.1460, 16.0780, 15.7509**.

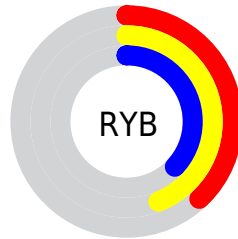
Distribution



 Red (44%)

 Green (43%)

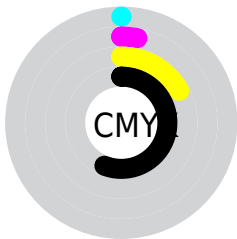
 Blue (37%)



 Red (38%)

 Yellow (44%)

 Blue (37%)

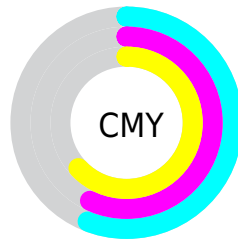



 Cyan (0%)

 Magenta (3%)

 Yellow (17%)

 Black (56%)



 Cyan (56%)

 Magenta (57%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4064, 15.4707, 12.8165 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 14.4064, 15.4707, 12.8165 by changing the saturation by 10% instead.

■ 14.4064, 15.4707,
12.8165

■ 14.4064, 15.4707,
12.8165

213.2050,
226.1978, 220.9046

■ 8.4874, 9.1504,
7.1731

■ 33.3887, 35.6768,
31.6601

■ 4.4628, 4.8394,
3.4905

■ 47.1827, 50.3315,
45.6973

■ 1.9672, 2.1533,
1.3502

■ 64.3325, 68.5330,
63.3695

■ 0.6154, 0.6944,
0.1024

■ 85.2034, 90.6658,
85.0953

■ 0.0000, 0.0000,
0.0000

110.1607,
117.1143, 111.2931

139.5699,

148.2629, 142.3816

173.7962,
184.4959, 178.7793

■ 14.4064, 15.4707,
12.8165

■ 14.4064, 15.4707,
12.8165

■ 13.7457, 14.9022,
10.2751

■ 15.1460, 16.0780,
15.7509

■ 13.1595, 14.3691,
8.1088

■ 15.9665, 16.7234,
19.0933

■ 12.6448, 13.8707,
6.2998

■ 16.8709, 17.4086,
22.8590

■ 12.1977, 13.4055,
4.8283

■ 17.8622, 18.1349,
27.0622

■ 11.8141, 12.9717,
3.6729

■ 18.9428, 18.9032,
31.7166

■ 11.4895, 12.5676,
2.8093

■ 20.1153, 19.7147,
36.8351

■ 11.2186, 12.1909,
2.2100

■ 21.3820, 20.5703,
42.4302

■ 10.9888, 11.8366,
1.8089

■ 22.7454, 21.4709,
48.5139

■ 10.9176, 11.7257,
1.6879

■ 24.2075, 22.4175,
55.0979

Harmonies

Analogous

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



15.2187, 15.4707, 12.9502



14.4064, 15.4707, 12.8165



13.7001, 15.4707, 13.6849

Triad

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



14.4064, 15.4707, 12.8165



13.5551, 15.4707, 19.9644



16.2354, 15.4707, 18.3433

Complementary

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



14.4064, 15.4707, 12.8165



11.8715, 12.1212, 17.3370

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.



15.7567, 15.4707, 20.4575



14.4064, 15.4707, 12.8165



14.2019, 15.4707, 21.4514

Square

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



14.4064, 15.4707, 12.8165



13.2208, 15.4707, 17.7190



15.0066, 15.4707, 21.6398



16.2951, 15.4707, 16.0001

Rectangle

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



14.4064, 15.4707, 12.8165



13.3766, 15.4707, 14.7666



15.0066, 15.4707, 21.6398



16.1174, 15.4707, 19.1098

Sweetspot

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



14.4068, 15.4714, 12.8168



27.3579, 28.9795, 29.1583



12.9784, 12.3825, 13.0563



6.3094, 6.6879, 6.6724



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.4068, 15.4714, 12.8168



25.3411, 27.3169, 21.1765



13.9492, 15.7239, 12.8897



3.5992, 3.8310, 3.6231



12.3726, 13.2776, 1.9107



61.1148, 65.1048, 9.3454

Inverse Universe

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



11.8715, 12.1212, 17.3370



19.9336, 20.1718, 30.8184



12.2760, 11.9263, 17.2780



3.2562, 3.3777, 4.2346



3.6125, 1.8152, 17.8816



17.5692, 8.1902, 88.9340

Previews

White Background



This preview shows how the XYZ color 14.4064, 15.4707, 12.8165 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 14.4064, 15.4707, 12.8165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

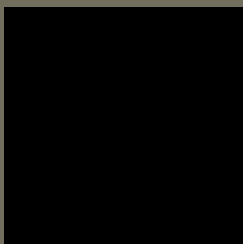
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

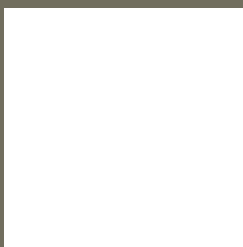
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4064, 15.4707, 12.8165

Background



This preview shows how black text looks on a background with the XYZ color 14.4064, 15.4707, 12.8165.



This preview shows how white text looks on a background with the XYZ color 14.4064, 15.4707,

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

14.4064, 15.4707, 12.8165

Protanopia

14.5593, 15.3903, 12.7929

Deuteranopia

15.6770, 15.4943, 12.9909



Tritanopia

15.5547, 15.4662, 18.3851

Trichromacy



Original Color

14.4064, 15.4707, 12.8165

Protanomaly

14.4284, 15.3228, 12.7868

Deuteranomaly

15.2084, 15.4066, 12.9987

Tritanomaly

15.0866, 15.4315, 16.0933

Monochromacy



Original Color

14.4064, 15.4707, 12.8165

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.3977, 15.2518, 15.2817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4064, 15.4707, 12.8165 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(113, 110, 94)` looks like.

```
.text, #text, p{  
    color:rgb(113, 110, 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(113, 110, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 110, 94) }
```

Border

The CSS property to change the border of an element to XYZ 14.4064, 15.4707, 12.8165 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(113, 110, 94) }
```


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

```
.border{ border-color:rgb(113, 110, 94) }
```

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

Here you see how a box with a 4 pixel rgb(113, 110, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 110, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 110, 94);  
box-shadow:4px 4px 4px 4px rgb(113, 110,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4064, 15.4707, 12.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 110, 94) }
```

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

```
.background{ background-color: rgb(113,  
110, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor