

Converting Colors

XYZ(14.5344, 12.8192, 7.6050)

Have a look what the booklet for
XYZ(14.5344, 12.8192, 7.6050)
contains.

XYZ(14.4664, 12.7538, 7.6605)	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(14.4664, 12.7538,
7.6605)**

Conversions

Conversions Part 1

Format	Color
Hex	855A47
RGB	133, 90, 71
RGB Percent	52%, 35%, 28%
CMY	0.4784, 0.6470, 0.7216
CMYK	0.00, 0.32, 0.47, 0.48
HSL	18°, 30%, 40%
HSV	18°, 47%, 52%
XYZ	14.4664, 12.7538, 7.6605
YIQ	100.6910, 31.7270, 3.2070

Conversions

Conversions Part 2

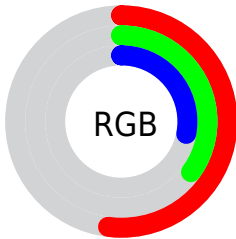
Format	Color
R_{YB}	133, 98, 71
Decimal	8739399
CIE _{Lab}	42.39, 15.28, 18.11
CIE _{LCh}	42, 23.692, 49.844
Yxy	12.7538, 0.4147, 0.3656
Android (android.graphics.Color)	4286929479 (0xFF855A47)
YUV	100.6910, -14.6377, 28.3350
Hunter-Lab	35.7125, 9.8099, 12.2807

Details

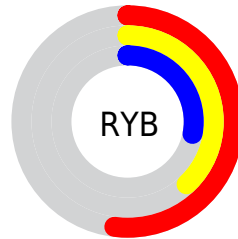
The XYZ color **14.4664, 12.7538, 7.6605** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **12.8493, 15.0672, 24.4214**, and the grayscale version is **12.3211, 12.9627, 14.1164**.

A 20% lighter version of the original color is **33.5073, 30.8036, 21.9490**, and **4.4919, 3.6298, 1.5008** is the 20% darker color. If you saturate the color by 10%, you get **13.3551, 11.1412, 5.4098**, and if you desaturate by 10%, it is **15.7683, 14.5982, 10.4361**.

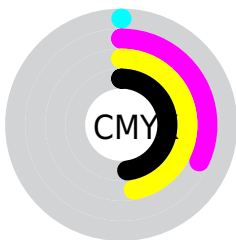
Distribution



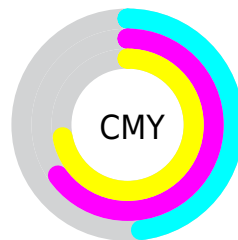
- Red (52%)
- Green (35%)
- Blue (28%)



- Red (52%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (47%)
- Black (48%)





- Cyan (48%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4664, 12.7538, 7.6605 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 14.4664, 12.7538, 7.6605 by changing the saturation by 10% instead.


 14.4664, 12.7538,
7.6605


 14.4664, 12.7538,
7.6605


213.5664,
209.3337, 182.8784


 8.5296, 7.2592,
3.7938


 33.4937, 30.8608,
21.8252


 4.4903, 3.6247,
1.5129

 47.3150, 44.2419,
32.9604


 1.9831, 1.4659,
0.2275

 64.4951, 61.0208,
47.3554

 0.6244, 0.2646,
0.0000

 85.3995, 81.5817,
65.4290

 0.0000, 0.0000,
0.0000

 110.3934,
106.3090, 87.5995

139.8423,

135.5872, 114.2855

174.1115,
169.8007, 145.9056

■ 14.4664, 12.7538,
7.6605

■ 14.4664, 12.7538,
7.6605

■ 13.3551, 11.1412,
5.4098

■ 15.7683, 14.5982,
10.4361

■ 12.4239, 9.7490,
3.6495

■ 17.2689, 16.6813,
13.7664

■ 11.6623, 8.5676,
2.3423

■ 18.9768, 19.0124,
17.6799

■ 11.0585, 7.5857,
1.4451

■ 20.8999, 21.5993,
22.2030

■ 10.5940, 6.7893,
0.8813

■ 23.0456, 24.4497,
27.3604

■ 10.4577, 6.5562,
0.7143

■ 25.4209, 27.5709,
33.1754

■ 28.0326, 30.9699,
39.6701

■ 30.8871, 34.6535,
46.8657

■ 33.9906, 38.6283,
54.7824

Harmonies

Analogous

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



15.6356, 12.7538, 10.8174



14.4664, 12.7538, 7.6605



12.7358, 12.7538, 6.2992

Triad

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



14.4664, 12.7538, 7.6605



9.0550, 12.7538, 12.2287



13.3217, 12.7538, 25.3006

Complementary

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



14.4664, 12.7538, 7.6605



12.8493, 15.0672, 24.4214

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.



11.5285, 12.7538, 25.9453



14.4664, 12.7538, 7.6605



9.1788, 12.7538, 17.4878

Square

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



14.4664, 12.7538, 7.6605



9.6894, 12.7538, 8.4753



10.0458, 12.7538, 22.8084



14.9313, 12.7538, 21.2171

Rectangle

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



14.4664, 12.7538, 7.6605



11.5462, 12.7538, 6.2937



10.0458, 12.7538, 22.8084



12.7168, 12.7538, 25.9593

Sweetspot

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



14.4667, 12.7544, 7.6607



34.7403, 35.0706, 33.4240



14.9863, 10.7172, 17.3181



7.6885, 7.7143, 7.2080



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



14.4667, 12.7544, 7.6607



23.7970, 19.7759, 9.4544



17.5992, 19.0193, 8.7049



4.7804, 4.9044, 4.9241



9.9677, 6.2579, 0.6825



0.0404, 0.0334, 0.0043

Inverse Universe

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



12.8493, 15.0672, 24.4214



20.5042, 24.4183, 43.3709



9.9563, 9.2811, 23.4571



4.6844, 5.0444, 5.9275



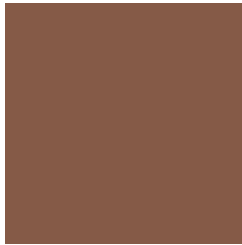
7.7048, 8.9575, 22.4596



0.0332, 0.0440, 0.0800

Previews

White Background



This preview shows how the XYZ color 14.4664, 12.7538, 7.6605 looks on a white background.

Color Contrast Check

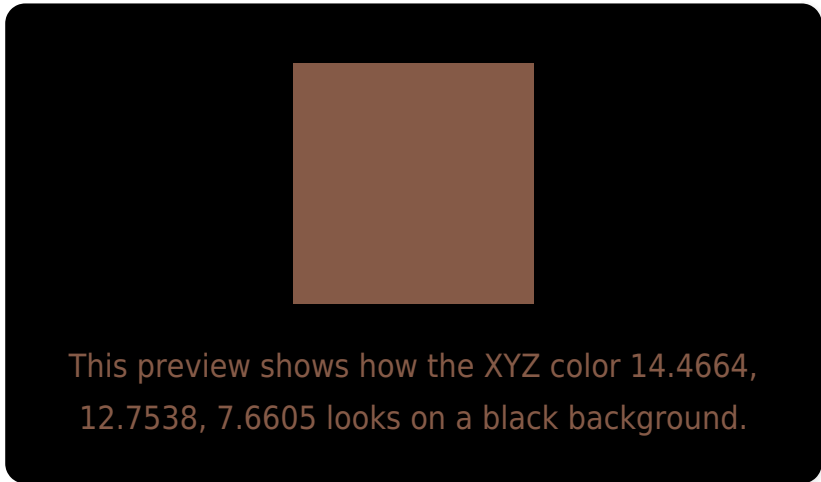
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.4664, 12.7538, 7.6605

Background



This preview shows how black text looks on a background with the XYZ color 14.4664, 12.7538, 7.6605.



This preview shows how white text looks on a background with the XYZ color 14.4664, 12.7538,

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

14.4664, 12.7538, 7.6605

Protanopia

12.0115, 12.8105, 8.4962

Deuteranopia

13.0341, 12.8010, 7.5782



Tritanopia

15.3757, 12.7576, 12.0080

Trichromacy



Original Color

14.4664, 12.7538, 7.6605

Protanomaly

12.7550, 12.6421, 8.2465

Deuteranomaly

13.5656, 12.8076, 7.5515

Tritanomaly

14.9609, 12.7037, 10.2579

Monochromacy



Original Color

14.4664, 12.7538, 7.6605

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.9302, 12.7983, 11.4617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4664, 12.7538, 7.6605 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(133, 90, 71)` looks like.

```
.text, #text, p{  
    color:rgb(133, 90, 71)  
}
```

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(133, 90, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 90, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.4664, 12.7538, 7.6605 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(133, 90, 71) }
```


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

```
.border{ border-color:rgb(133, 90, 71) }
```

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

Here you see how a box with a 4 pixel rgb(133, 90, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 90, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 90, 71);  
box-shadow:4px 4px 4px 4px rgb(133, 90,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4664, 12.7538, 7.6605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 90, 71) }
```

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

```
.background{ background-color: rgb(133, 90,  
71) }
```

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