

Converting Colors

XYZ(14.0479, 14.3871, 11.2691)

Have a look what the booklet for
XYZ(14.0479, 14.3871, 11.2691)
contains.

XYZ(14.0479, 14.3871, 11.2691)	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(14.0479, 14.3871,
11.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	756858
RGB	117, 104, 88
RGB Percent	46%, 41%, 35%
CMY	0.5412, 0.5921, 0.6549
CMYK	0.00, 0.11, 0.25, 0.54
HSL	33°, 14%, 40%
HSV	33°, 25%, 46%
XYZ	14.0479, 14.3871, 11.2691
YIQ	106.0630, 12.8840, -2.2200

Conversions

Conversions Part 2

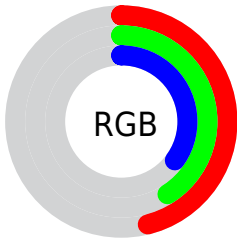
Format	Color
R_{YB}	112, 117, 88
Decimal	7694424
CIE Lab	44.78, 2.36, 10.90
CIE LCh	45, 11.150, 77.763
Yxy	14.3871, 0.3538, 0.3624
Android (android.graphics.Color)	4285884504 (0xFF756858)
YUV	106.0630, -8.9051, 9.5917
Hunter-Lab	37.9303, -0.2687, 8.9362

Details

The XYZ color **14.0479, 14.3871, 11.2691** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8890, 12.6662, 18.6480**, and the grayscale version is **13.7383, 14.4538, 15.7402**.

A 20% lighter version of the original color is **32.6710, 33.7127, 28.8300**, and **4.2831, 4.3296, 2.8955** is the 20% darker color. If you saturate the color by 10%, you get **13.0902, 13.1860, 8.7477**, and if you desaturate by 10%, it is **15.1170, 15.6863, 14.2118**.

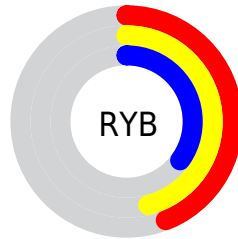
Distribution



Red (46%)

Green (41%)

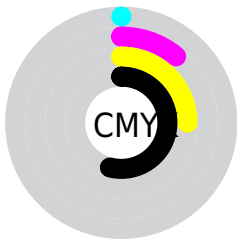
Blue (35%)



Red (44%)

Yellow (46%)

Blue (35%)

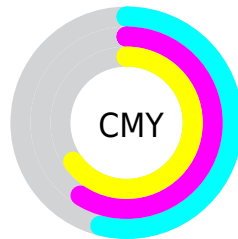


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (54%)



Cyan (54%)

Magenta (59%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0479, 14.3871, 11.2691 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 14.0479, 14.3871, 11.2691 by changing the saturation by 10% instead.

■ 14.0479, 14.3871,
11.2691

■ 14.0479, 14.3871,
11.2691

211.0333,
219.6259, 210.3078

■ 8.2359, 8.3904,
6.1317

■ 32.7596, 33.7743,
28.8009

■ 4.2993, 4.3458,
2.8552

■ 46.3899, 47.9336,
42.0324

■ 1.8728, 1.8688,
1.0212

■ 63.3571, 65.5826,
58.7991

■ 0.5610, 0.5295,
0.0000

■ 84.0266, 87.1056,
79.5193

■ 0.0000, 0.0000,
0.0000

■ 108.7635,
112.8870, 104.6118

137.9334,

143.3113, 134.4950

171.9015,
178.7628, 169.5875

■ 14.0479, 14.3871,
11.2691

■ 14.0479, 14.3871,
11.2691

■ 13.0902, 13.1860,
8.7477

■ 15.1170, 15.6863,
14.2118

■ 12.2385, 12.0784,
6.6269

■ 16.3004, 17.0841,
17.5934

■ 11.4885, 11.0621,
4.8859

■ 17.6023, 18.5838,
21.4314

■ 10.8353, 10.1341,
3.5012

■ 19.0263, 20.1874,
25.7421

■ 10.2732, 9.2912,
2.4470

■ 20.5759, 21.8975,
30.5411

■ 9.7961, 8.5297,
1.6938

■ 22.2543, 23.7159,
35.8433

■ 9.3944, 7.8448,
1.1942

■ 24.0648, 25.6450,
41.6629

■ 9.2014, 7.5123,
0.9651

■ 26.0104, 27.6866,
48.0134

■ 28.0941, 29.8428,
54.9080

Harmonies

Analogous

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



14.8820, 14.3871, 12.2471



14.0479, 14.3871, 11.2691



13.1488, 14.3871, 11.3696

Triad

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



14.0479, 14.3871, 11.2691



12.0783, 14.3871, 17.2406



15.0083, 14.3871, 19.2723

Complementary

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



14.0479, 14.3871, 11.2691



11.8890, 12.6662, 18.6480

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.



14.2141, 14.3871, 20.9256



14.0479, 14.3871, 11.2691



12.5342, 14.3871, 19.6663

Square

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



14.0479, 14.3871, 11.2691



12.0383, 14.3871, 14.6290



13.3078, 14.3871, 21.0773



15.4527, 14.3871, 16.7490

Rectangle

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



14.0479, 14.3871, 11.2691



12.6330, 14.3871, 12.0354



13.3078, 14.3871, 21.0773



14.7718, 14.3871, 19.9597

Sweetspot

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



14.0483, 14.3878, 11.2694



28.6624, 29.9766, 29.9809



13.1774, 11.7021, 13.8892



6.5705, 6.8692, 6.8370



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.



14.0483, 14.3878, 11.2694



24.1054, 24.4547, 17.3873



15.2657, 17.1096, 11.7306



3.8358, 4.0046, 3.9131



10.1222, 8.2457, 1.0581



48.4620, 38.4524, 4.8678

Inverse Universe

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



11.8890, 12.6662, 18.6480



19.5017, 20.7849, 33.1210



10.8639, 10.4102, 18.2665



3.6232, 3.8351, 4.6395



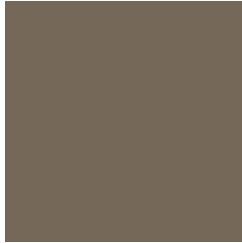
4.8972, 4.1341, 19.0824



23.0343, 18.4853, 92.7143

Previews

White Background



This preview shows how the XYZ color 14.0479, 14.3871, 11.2691 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 14.0479, 14.3871, 11.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

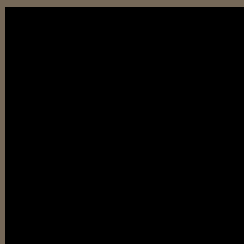
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

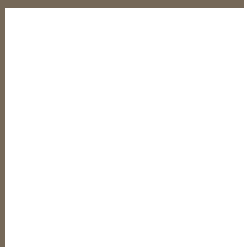
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0479, 14.3871, 11.2691

Background



This preview shows how black text looks on a background with the XYZ color 14.0479, 14.3871, 11.2691.



This preview shows how white text looks on a background with the XYZ color 14.0479, 14.3871,

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

14.0479, 14.3871, 11.2691

Protanopia

13.6393, 14.4741, 11.5261

Deuteranopia

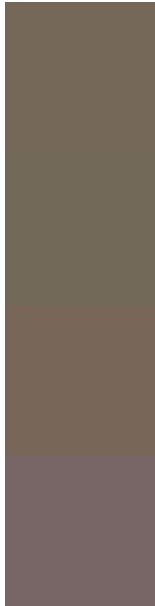
14.5389, 14.3449, 11.2351



Tritanopia

15.1597, 14.4046, 16.4494

Trichromacy



Original Color

14.0479, 14.3871, 11.2691

Protanomaly

13.7942, 14.4018, 11.5040

Deuteranomaly

14.3574, 14.3981, 11.2549

Tritanomaly

14.7081, 14.3643, 14.3093

Monochromacy



Original Color

14.0479, 14.3871, 11.2691

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.7341, 14.3190, 13.8444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0479, 14.3871, 11.2691 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, 104, 88)` looks like.

```
.text, #text, p{  
    color:rgb(117, 104, 88)  
}
```

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, 104, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 104, 88) }
```

Border

The CSS property to change the border of an element to XYZ 14.0479, 14.3871, 11.2691 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, 104, 88) }
```


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

```
.border{ border-color:rgb(117, 104, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 104, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 104, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 104, 88);  
box-shadow:4px 4px 4px 4px rgb(117, 104,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0479, 14.3871, 11.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 104, 88) }
```

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

```
.background{ background-color: rgb(117,  
104, 88) }
```

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