

Converting Colors

XYZ(12.9223, 11.4476, 14.9340)

Have a look what the booklet for
XYZ(12.9223, 11.4476, 14.9340)
contains.

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Color

**XYZ(12.8974, 11.4137,
14.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	725769
RGB	114, 87, 105
RGB Percent	45%, 34%, 41%
CMY	0.5529, 0.6588, 0.5882
CMYK	0.00, 0.24, 0.08, 0.55
HSL	320°, 13%, 39%
HSV	320°, 24%, 45%
XYZ	12.8974, 11.4137, 14.8879
YIQ	97.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

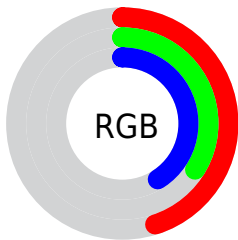
Format	Color
R_{YB}	114, 87, 105
Decimal	7493481
CIE _{Lab}	40.27, 14.40, -6.02
CIE _{LCh}	40, 15.606, 337.308
Yxy	11.4137, 0.3290, 0.2912
Android (android.graphics.Color)	4285683561 (0xFF725769)
YUV	97.1250, 3.8824, 14.7994
Hunter-Lab	33.7842, 9.0216, -2.4788

Details

The XYZ color **12.8974, 11.4137, 14.8879** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.0595, 14.9057, 13.3084**, and the grayscale version is **11.3822, 11.9750, 13.0408**.

A 20% lighter version of the original color is **30.6723, 28.3986, 35.3174**, and **3.8034, 3.0496, 4.3912** is the 20% darker color. If you saturate the color by 10%, you get **11.8554, 9.6353, 13.5984**, and if you desaturate by 10%, it is **14.0946, 13.4882, 16.2725**.

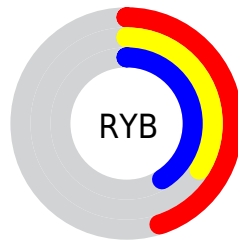
Distribution



Red (45%)

Green (34%)

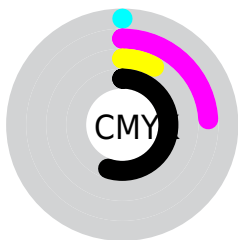
Blue (41%)



Red (45%)

Yellow (34%)

Blue (41%)

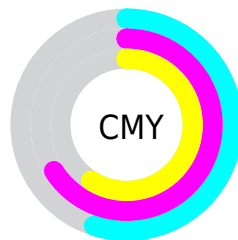


Cyan (0%)

Magenta (24%)

Yellow (8%)

Black (55%)



Cyan (55%)

Magenta (66%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.8974, 11.4137, 14.8879 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 12.8974, 11.4137, 14.8879 by changing the saturation by 10% instead.

■ 12.8974, 11.4137,
14.8879

■ 12.8974, 11.4137,
14.8879

203.9100,
200.4842, 234.3041

■ 7.4344, 6.3458,
8.5950

■ 30.7222, 28.4227,
35.3959

■ 3.7840, 3.0565,
4.3848

■ 43.8148, 41.1326,
50.4481

■ 1.5807, 1.1613,
1.8387

■ 60.1813, 57.1586,
69.2572

■ 0.3798, 0.0297,
0.4533

■ 80.1871, 76.8851,
92.2416

■ 0.0000, 0.0000,
0.0000

■ 104.1975,
100.6965, 119.8200

132.5778,

128.9772, 152.4108

165.6936,
162.1117, 190.4327

■ 12.8974, 11.4137,
14.8879

■ 12.8974, 11.4137,
14.8879

■ 11.8554, 9.6353,
13.5984

■ 14.0946, 13.4882,
16.2725

■ 10.9607, 8.1377,
12.4004

■ 15.4524, 15.8701,
17.7541

■ 10.2061, 6.9067,
11.2910

■ 16.9773, 18.5719,
19.3356

■ 9.5834, 5.9261,
10.2669

■ 18.6752, 21.6049,
21.0194

■ 9.0835, 5.1780,
9.3246

■ 20.5514, 24.9801,
22.8079

8.6963, 4.6421,
8.4601

22.6113, 28.7078,
24.7033

8.4071, 4.2896,
7.6678

24.8598, 32.7978,
26.7078

8.2439, 4.0992,
7.1938

27.3019, 37.2597,
28.8235

29.9421, 42.1027,
31.0524

Harmonies

Analogous

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



12.1678, 11.4137, 17.8344



12.8974, 11.4137, 14.8879



13.0609, 11.4137, 11.6802

Triad

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



12.8974, 11.4137, 14.8879



10.5842, 11.4137, 7.3775



9.2665, 11.4137, 16.4286

Complementary

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



12.8974, 11.4137, 14.8879



12.0595, 14.9057, 13.3084

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.



8.9010, 11.4137, 13.2061



12.8974, 11.4137, 14.8879



9.6280, 11.4137, 8.2415

Square

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



12.8974, 11.4137, 14.8879



11.6765, 11.4137, 7.6749



9.0288, 11.4137, 10.2544



10.0604, 11.4137, 18.8227

Rectangle

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



12.8974, 11.4137, 14.8879



12.8176, 11.4137, 9.8742



9.0288, 11.4137, 10.2544



9.0920, 11.4137, 15.3871

Sweetspot

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



12.8977, 11.4142, 14.8881



26.2867, 26.3612, 30.2685



11.2698, 10.5187, 17.3560



6.0583, 6.0598, 6.9775



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.



12.8977, 11.4142, 14.8881



21.7088, 18.4194, 25.0002



12.2580, 11.1583, 11.5192



3.4694, 3.4355, 3.9987



9.1691, 4.5600, 7.9665



45.2633, 22.5506, 37.5141

Inverse Universe

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



12.8977, 11.4142, 14.8881



21.7088, 18.4194, 25.0002



12.7355, 15.1760, 16.8678



3.4694, 3.4355, 3.9987



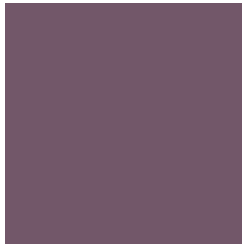
9.1691, 4.5600, 7.9665



45.2633, 22.5506, 37.5141

Previews

White Background



This preview shows how the XYZ color 12.8974, 11.4137, 14.8879 looks on a white background.

Color Contrast Check

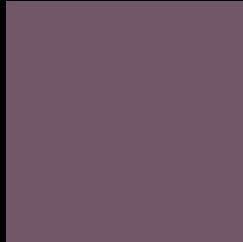
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.8974, 11.4137, 14.8879 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 12.8974, 11.4137, 14.8879

Background



This preview shows how black text looks on a background with the XYZ color 12.8974, 11.4137, 14.8879.



This preview shows how white text looks on a background with the XYZ color 12.8974, 11.4137,

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

12.8974, 11.4137, 14.8879

Protanopia

11.2308, 11.4065, 16.3616

Deuteranopia

11.5814, 11.3631, 14.6796



Tritanopia

12.4938, 11.5000, 12.6276

Trichromacy



Original Color

12.8974, 11.4137, 14.8879

Protanomaly

11.7034, 11.2742, 15.7467

Deuteranomaly

11.9806, 11.3151, 14.6493

Tritanomaly

12.5519, 11.3910, 13.3415

Monochromacy



Original Color

12.8974, 11.4137, 14.8879

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.8081, 11.6324, 13.6795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.8974, 11.4137, 14.8879 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(114, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(114, 87, 105)  
}
```

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(114, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 87, 105) }
```

Border

The CSS property to change the border of an element to XYZ 12.8974, 11.4137, 14.8879 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(114, 87, 105) }
```


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

```
.border{ border-color:rgb(114, 87, 105) }
```

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

Here you see how a box with a 4 pixel rgb(114, 87, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(114, 87,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 12.8974, 11.4137, 14.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 87, 105) }
```

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

```
.background{ background-color: rgb(114, 87,  
105) }
```

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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