

Converting Colors

XYZ(14.2382, 13.0268, 15.4573)

Have a look what the booklet for
XYZ(14.2382, 13.0268, 15.4573)
contains.

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Color

**XYZ(14.2120, 12.9680,
15.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	775E6A
RGB	119, 94, 106
RGB Percent	47%, 37%, 42%
CMY	0.5333, 0.6314, 0.5843
CMYK	0.00, 0.21, 0.11, 0.53
HSL	331°, 12%, 42%
HSV	331°, 21%, 47%
XYZ	14.2120, 12.9680, 15.3897
YIQ	102.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

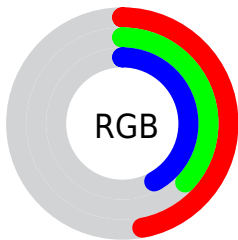
Format	Color
R_{YB}	119, 94, 106
Decimal	7822954
CIE _{Lab}	42.71, 12.30, -2.95
CIE _{LCh}	43, 12.651, 346.526
Yxy	12.9680, 0.3339, 0.3046
Android (android.graphics.Color)	4286013034 (0xFF775E6A)
YUV	102.8430, 1.5564, 14.1697
Hunter-Lab	36.0111, 7.4267, -0.1304

Details

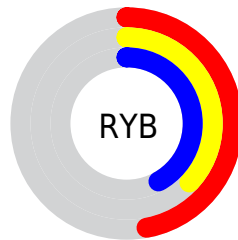
The XYZ color **14.2120, 12.9680, 15.3897** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8673, 16.6352, 16.3908**, and the grayscale version is **12.8450, 13.5139, 14.7167**.

A 20% lighter version of the original color is **32.8536, 31.0388, 36.1578**, and **4.3722, 3.7318, 4.6275** is the 20% darker color. If you saturate the color by 10%, you get **12.9241, 10.8886, 13.4295**, and if you desaturate by 10%, it is **15.6871, 15.3842, 17.5272**.

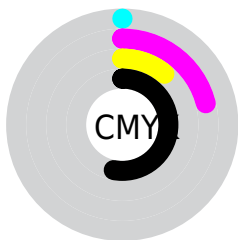
Distribution



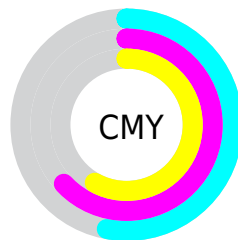
- Red (47%)
- Green (37%)
- Blue (42%)



- Red (47%)
- Yellow (37%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (11%)
- Black (53%)



- Cyan (53%)
- Magenta (63%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2120, 12.9680, 15.3897 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 14.2120, 12.9680, 15.3897 by changing the saturation by 10% instead.

■ 14.2120, 12.9680,
15.3897

■ 14.2120, 12.9680,
15.3897

212.0300,
210.7125, 237.4345

■ 8.3510, 7.4065,
8.9437

■ 33.0479, 31.2463,
36.2873

■ 4.3740, 3.7176,
4.6082

■ 46.7534, 44.7319,
51.5760

■ 1.9158, 1.5169,
1.9646

■ 63.8044, 61.6276,
70.6493

■ 0.5860, 0.3006,
0.5334

■ 84.5663, 82.3179,
93.9258

■ 0.0000, 0.0000,
0.0000

109.4045,
107.1871, 121.8241

138.6843,

136.6197, 154.7626

172.7710,
171.0000, 193.1598

■ 14.2120, 12.9680,
15.3897

■ 14.2120, 12.9680,
15.3897

■ 12.9241, 10.8886,
13.4295

■ 15.6871, 15.3842,
17.5272

■ 11.8142, 9.1292,
11.6407

■ 17.3557, 18.1496,
19.8460

■ 10.8743, 7.6740,
10.0183

■ 19.2251, 21.2781,
22.3510

■ 10.0951, 6.5054,
8.5567

■ 21.3021, 24.7822,
25.0466

■ 9.4663, 5.6038,
7.2497

■ 23.5930, 28.6742,
27.9370

■ 8.9765, 4.9472,
6.0907

■ 26.1038, 32.9652,
31.0263

■ 8.6124, 4.5099,
5.0725

■ 28.8405, 37.6665,
34.3187

■ 8.3492, 4.2185,
4.2601

■ 31.8086, 42.7886,
37.8178

■ 35.0135, 48.3416,
41.5274

Harmonies

Analogous

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



13.7163, 12.9680, 18.0843



14.2120, 12.9680, 15.3897



14.1840, 12.9680, 12.6671

Triad

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



14.2120, 12.9680, 15.3897



11.8074, 12.9680, 9.6287



11.0972, 12.9680, 18.3204

Complementary

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



14.2120, 12.9680, 15.3897



13.8673, 16.6352, 16.3908

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.



10.6372, 12.9680, 15.6798



14.2120, 12.9680, 15.3897



11.0324, 12.9680, 10.7819

Square

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



14.2120, 12.9680, 15.3897



12.7614, 12.9680, 9.5723



10.6141, 12.9680, 12.9220



11.9000, 12.9680, 19.9188

Rectangle

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



14.2120, 12.9680, 15.3897



13.8715, 12.9680, 11.1978



10.6141, 12.9680, 12.9220



10.8992, 12.9680, 17.5108

Sweetspot

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



14.2124, 12.9686, 15.3900



29.4970, 29.8724, 33.3603



13.3864, 12.4587, 19.1522



6.9557, 7.0219, 7.8577



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2124, 12.9686, 15.3900



24.3416, 21.4257, 25.8950



13.6685, 12.8105, 12.3427



3.7503, 3.7274, 4.2121



8.8656, 4.4800, 4.5007



42.7750, 21.6601, 19.6764

Inverse Universe

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



14.2124, 12.9686, 15.3900



24.3416, 21.4257, 25.8950



14.4936, 16.8066, 19.9330



3.7503, 3.7274, 4.2121



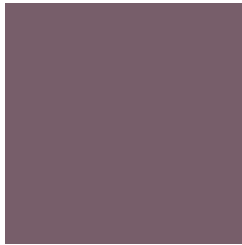
8.8656, 4.4800, 4.5007



42.7750, 21.6601, 19.6764

Previews

White Background



This preview shows how the XYZ color 14.2120, 12.9680, 15.3897 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 14.2120, 12.9680, 15.3897 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 14.2120, 12.9680, 15.3897

Background



This preview shows how black text looks on a background with the XYZ color 14.2120, 12.9680, 15.3897.



This preview shows how white text looks on a background with the XYZ color 14.2120, 12.9680,

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

14.2120, 12.9680, 15.3897

Protanopia

12.6272, 12.9495, 16.5858

Deuteranopia

13.2242, 13.0065, 15.1781



Tritanopia

13.9617, 12.9953, 14.3429

Trichromacy



Original Color

14.2120, 12.9680, 15.3897

Protanomaly

13.1914, 12.9653, 16.2753

Deuteranomaly

13.6345, 13.0800, 15.1707

Tritanomaly

14.0116, 13.0152, 14.6057

Monochromacy



Original Color

14.2120, 12.9680, 15.3897

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.3625, 13.3650, 14.9721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2120, 12.9680, 15.3897 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(119, 94, 106)` looks like.

```
.text, #text, p{  
    color:rgb(119, 94, 106)  
}
```

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(119, 94, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 94, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.2120, 12.9680, 15.3897 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(119, 94, 106) }
```


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

```
.border{ border-color:rgb(119, 94, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 94, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 94, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 94, 106);  
box-shadow:4px 4px 4px 4px rgb(119, 94,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2120, 12.9680, 15.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 94, 106) }
```

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

```
.background{ background-color: rgb(119, 94,  
106) }
```

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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