

Converting Colors

XYZ(14.9027, 12.9262, 20.0053)

Have a look what the booklet for
XYZ(14.9027, 12.9262, 20.0053)
contains.

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Color

**XYZ(14.9477, 12.9814,
20.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	775C7A
RGB	119, 92, 122
RGB Percent	47%, 36%, 48%
CMY	0.5333, 0.6392, 0.5216
CMYK	0.02, 0.25, 0.00, 0.52
HSL	294°, 14%, 42%
HSV	294°, 25%, 48%
XYZ	14.9477, 12.9814, 20.1302
YIQ	103.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

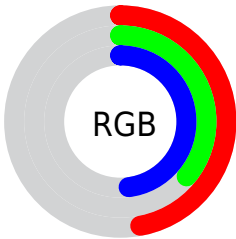
Format	Color
R_{YB}	119, 92, 122
Decimal	7822458
CIE _{Lab}	42.74, 16.72, -12.67
CIE _{LCh}	43, 20.975, 322.847
Yxy	12.9814, 0.3110, 0.2701
Android (android.graphics.Color)	4286012538 (0xFF775C7A)
YUV	103.4930, 9.1240, 13.5996
Hunter-Lab	36.0297, 11.0026, -7.9052

Details

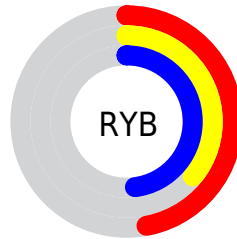
The XYZ color **14.9477, 12.9814, 20.1302** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **13.6112, 17.1251, 12.7140**, and the grayscale version is **12.9985, 13.6754, 14.8925**.

A 20% lighter version of the original color is **34.3262, 31.1727, 44.2521**, and **4.7054, 3.7371, 6.7767** is the 20% darker color. If you saturate the color by 10%, you get **13.8085, 10.9499, 19.7983**, and if you desaturate by 10%, it is **16.2600, 15.3556, 20.5195**.

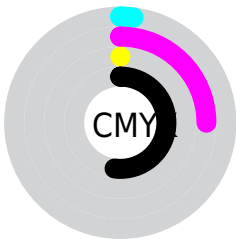
Distribution



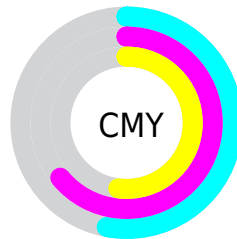
- Red (47%)
- Green (36%)
- Blue (48%)



- Red (47%)
- Yellow (36%)
- Blue (48%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (64%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9477, 12.9814, 20.1302 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 14.9477, 12.9814, 20.1302 by changing the saturation by 10% instead.

■ 14.9477, 12.9814,
20.1302

■ 14.9477, 12.9814,
20.1302

216.4441,
210.7984, 265.2466

■ 8.8688, 7.4157,
12.3047

■ 34.3338, 31.2704,
44.4972

■ 4.7121, 3.7234,
6.8265

■ 48.3717, 44.7625,
61.8758

■ 2.1124, 1.5201,
3.2770

■ 65.7933, 61.6655,
83.2758

■ 0.6959, 0.3028,
1.2378

■ 86.9639, 82.3638,
109.1159

■ 0.0000, 0.0000,
0.0100

112.2490,
107.2419, 139.8144

■ 0.0000, 0.0000,
0.0000

142.0138,

136.6841, 175.7900

176.6237,
171.0748, 217.4612

■ 14.9477, 12.9814,
20.1302

■ 14.9477, 12.9814,
20.1302

■ 13.8085, 10.9499,
19.7983

■ 16.2600, 15.3556,
20.5195

■ 12.8332, 9.2430,
19.5203

■ 17.7520, 18.0860,
20.9679

■ 12.0133, 7.8439,
19.2934

■ 19.4310, 21.1874,
21.4780

■ 11.3391, 6.7331,
19.1145

■ 21.3038, 24.6732,
22.0521

■ 10.8000, 5.8893,
18.9801

■ 23.3770, 28.5564,
22.6924

■ 10.3837, 5.2880,
18.8860

■ 25.6565, 32.8491,
23.4008

■ 10.0722, 4.8930,
18.8261

■ 28.1482, 37.5629,
24.1794

■ 9.9182, 4.7072,
18.7984

■ 30.8578, 42.7092,
25.0299

■ 33.7907, 48.2986,
25.9542

Harmonies

Analogous

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



13.5679, 12.9814, 23.8717



14.9477, 12.9814, 20.1302



15.6383, 12.9814, 15.2566

Triad

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



14.9477, 12.9814, 20.1302



12.7242, 12.9814, 7.0882



9.7226, 12.9814, 17.8264

Complementary

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



14.9477, 12.9814, 20.1302



13.6112, 17.1251, 12.7140

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.



9.5388, 12.9814, 13.0689



14.9477, 12.9814, 20.1302



11.1856, 12.9814, 7.4873

Square

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



14.9477, 12.9814, 20.1302



14.2848, 12.9814, 8.2263



10.0520, 12.9814, 9.4660



10.5774, 12.9814, 22.3541

Rectangle

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



14.9477, 12.9814, 20.1302



15.5765, 12.9814, 12.2702



10.0520, 12.9814, 9.4660



9.5834, 12.9814, 16.1788

Sweetspot

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



14.9481, 12.9820, 20.1305



30.5223, 30.5172, 36.6746



12.0645, 11.9560, 20.0844



6.9539, 6.9318, 8.3781



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.



14.9481, 12.9820, 20.1305



25.0328, 20.5761, 35.0451



14.6954, 12.9292, 16.6165



4.1169, 4.0581, 5.0095



10.4383, 4.9539, 19.7913



49.3837, 23.4202, 94.3875

Inverse Universe

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



13.9193, 12.6188, 12.5294



22.8871, 19.8236, 18.9649



13.8470, 17.1841, 15.5516



4.0131, 4.0210, 4.2666



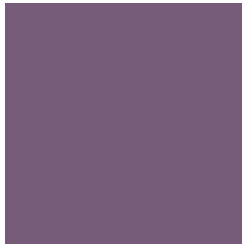
8.5196, 4.3840, 0.7612



40.4862, 20.8508, 2.8247

Previews

White Background



This preview shows how the XYZ color 14.9477, 12.9814, 20.1302 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 14.9477, 12.9814, 20.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

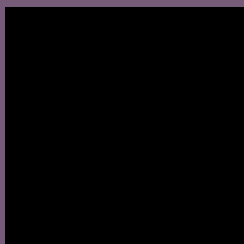
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.9477, 12.9814, 20.1302

Background



This preview shows how black text looks on a background with the XYZ color 14.9477, 12.9814, 20.1302.



This preview shows how white text looks on a background with the XYZ color 14.9477, 12.9814,

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

14.9477, 12.9814, 20.1302

Protanopia

13.0695, 13.0525, 22.2526

Deuteranopia

13.2799, 13.0709, 19.9122



Tritanopia

13.8335, 13.0580, 14.6233

Trichromacy



Original Color

14.9477, 12.9814, 20.1302

Protanomaly

13.6341, 12.9393, 21.5176

Deuteranomaly

13.8184, 12.9344, 19.8574

Tritanomaly

14.2428, 13.0921, 16.5282

Monochromacy



Original Color

14.9477, 12.9814, 20.1302

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.5830, 13.3007, 16.6032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9477, 12.9814, 20.1302 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, 92, 122)` looks like.

```
.text, #text, p{  
  color:rgb(119, 92, 122)  
}
```

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, 92, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 122) }
```

Border

The CSS property to change the border of an element to XYZ 14.9477, 12.9814, 20.1302 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, 92, 122) }
```


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

```
.border{ border-color:rgb(119, 92, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 92, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 92, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 92, 122); box-shadow:4px 4px 4px 4px rgb(119, 92, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9477, 12.9814, 20.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 122) }
```

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

```
.background{ background-color: rgb(119, 92,  
122) }
```

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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