

Converting Colors

XYZ(14.7527, 14.2234, 13.7396)

Have a look what the booklet for
XYZ(14.7527, 14.2234, 13.7396)
contains.

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Color

**XYZ(14.7910, 14.2732,
13.7798)**

Conversions

Conversions Part 1

Format	Color
Hex	796563
RGB	121, 101, 99
RGB Percent	47%, 40%, 39%
CMY	0.5255, 0.6039, 0.6118
CMYK	0.00, 0.17, 0.18, 0.53
HSL	5°, 10%, 43%
HSV	5°, 18%, 47%
XYZ	14.7910, 14.2732, 13.7798
YIQ	106.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

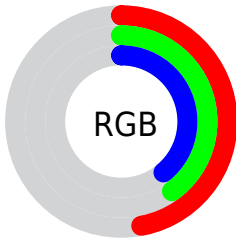
Format	Color
R_{YB}	121, 101, 99
Decimal	7955811
CIE Lab	44.62, 7.64, 4.11
CIE LCh	45, 8.673, 28.272
Yxy	14.2732, 0.3452, 0.3331
Android (android.graphics.Color)	4286145891 (0xFF796563)
YUV	106.7520, -3.8217, 12.4955
Hunter-Lab	37.7799, 3.7688, 4.8205

Details

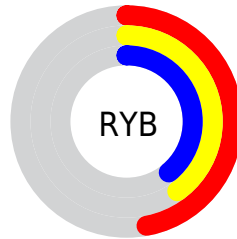
The XYZ color **14.7910, 14.2732, 13.7798** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.1935, 17.2264, 20.6136**, and the grayscale version is **13.9146, 14.6393, 15.9422**.

A 20% lighter version of the original color is **34.1888, 33.6572, 33.5487**, and **4.6343, 4.2731, 3.9487** is the 20% darker color. If you saturate the color by 10%, you get **13.2580, 12.0646, 10.6255**, and if you desaturate by 10%, it is **16.5544, 16.8037, 17.4390**.

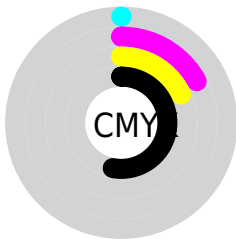
Distribution



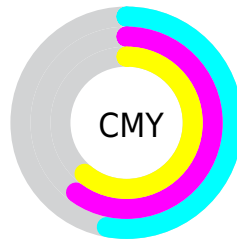
- Red (47%)
- Green (40%)
- Blue (39%)



- Red (47%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (18%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7910, 14.2732, 13.7798 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 14.7910, 14.2732, 13.7798 by changing the saturation by 10% instead.

■ 14.7910, 14.2732,
13.7798

■ 14.7910, 14.2732,
13.7798

215.5112,
218.9239, 227.2372

■ 8.7582, 8.3109,
7.8307

■ 34.0608, 33.5730,
33.4093

■ 4.6396, 4.2945,
3.9006

■ 48.0285, 47.6793,
47.9267

■ 2.0700, 1.8397,
1.5710

■ 65.3719, 65.2691,
66.1374

■ 0.6728, 0.5117,
0.2700

■ 86.4562, 86.7267,
88.4597

■ 0.0000, 0.0000,
0.0000

111.6470,
112.4366, 115.3123

141.3096,

142.7832, 147.1138

175.8092,
178.1508, 184.2825

■ 14.7910, 14.2732,
13.7798

■ 14.7910, 14.2732,
13.7798

■ 13.2580, 12.0646,
10.6255

■ 16.5544, 16.8037,
17.4390

■ 11.9448, 10.1631,
7.9530

■ 18.5560, 19.6661,
21.6228

■ 10.8416, 8.5557,
5.7389

■ 20.8046, 22.8727,
26.3513

■ 9.9376, 7.2276,
3.9573

■ 23.3083, 26.4343,
31.6429

■ 9.2206, 6.1630,
2.5799

■ 26.0747, 30.3614,
37.5153

■ 8.6776, 5.3441,
1.5751

■ 29.1112, 34.6639,
43.9856

■ 8.2934, 4.7513,
0.9062

■ 32.4248, 39.3515,
51.0699

■ 8.0414, 4.3580,
0.4805

■ 36.0224, 44.4334,
58.7839

■ 8.0051, 4.3047,
0.4090

■ 39.9105, 49.9186,
67.1425

Harmonies

Analogous

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



14.9617, 14.2732, 15.6580



14.7910, 14.2732, 13.7798



14.2891, 14.2732, 12.4775

Triad

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



14.7910, 14.2732, 13.7798



12.4495, 14.2732, 13.5942



13.5256, 14.2732, 19.7374

Complementary

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



14.7910, 14.2732, 13.7798



15.1935, 17.2264, 20.6136

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.



12.8682, 14.2732, 19.0692



14.7910, 14.2732, 13.7798



12.2604, 14.2732, 15.4247

Square

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



14.7910, 14.2732, 13.7798



12.9364, 14.2732, 12.3770



12.4110, 14.2732, 17.4464



14.2162, 14.2732, 19.2032

Rectangle

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



14.7910, 14.2732, 13.7798



13.8427, 14.2732, 12.0527



12.4110, 14.2732, 17.4464



13.2935, 14.2732, 19.6449

Sweetspot

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



14.7914, 14.2738, 13.7801



30.6938, 31.5933, 33.4169



15.6870, 14.3247, 19.4436



6.9734, 7.1598, 7.5474



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

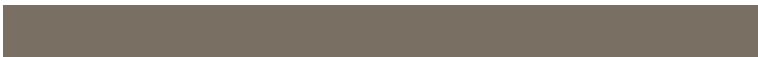
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7914, 14.2738, 13.7801



25.2382, 23.7631, 22.1000



15.9133, 16.5176, 14.1541



4.0250, 4.0684, 4.1976



8.5742, 4.6042, 0.4368



40.6140, 21.3915, 1.9884

Inverse Universe

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



15.1935, 17.2264, 20.6136



26.1045, 30.1272, 36.8322



13.9771, 14.7936, 20.2081



4.0774, 4.4531, 5.0878



9.6681, 13.4187, 21.4658



45.7919, 63.3564, 102.2853

Previews

White Background



This preview shows how the XYZ color 14.7910, 14.2732, 13.7798 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 14.7910, 14.2732, 13.7798 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 14.7910, 14.2732, 13.7798

Background



This preview shows how black text looks on a background with the XYZ color 14.7910, 14.2732, 13.7798.



This preview shows how white text looks on a background with the XYZ color 14.7910, 14.2732,

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

14.7910, 14.2732, 13.7798

Protanopia

13.7072, 14.2939, 14.3485

Deuteranopia

14.4747, 14.2551, 13.7930



Tritanopia

15.2371, 14.3135, 15.8696

Trichromacy



Original Color

14.7910, 14.2732, 13.7798

Protanomaly

14.0606, 14.3314, 14.0818

Deuteranomaly

14.6113, 14.3255, 13.7994

Tritanomaly

15.0819, 14.2514, 15.0526

Monochromacy



Original Color

14.7910, 14.2732, 13.7798

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2324, 14.5474, 15.1545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7910, 14.2732, 13.7798 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(121, 101, 99)` looks like.

```
.text, #text, p{  
    color:rgb(121, 101, 99)  
}
```

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(121, 101, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 101, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.7910, 14.2732, 13.7798 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(121, 101, 99) }
```


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

```
.border{ border-color:rgb(121, 101, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 101, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 101, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 101, 99);  
box-shadow:4px 4px 4px 4px rgb(121, 101,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7910, 14.2732, 13.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 101, 99) }
```

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

```
.background{ background-color: rgb(121,  
101, 99) }
```

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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