

Converting Colors

XYZ(14.4747, 14.2551, 13.7930)

Have a look what the booklet for
XYZ(14.4747, 14.2551, 13.7930)
contains.

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Color

**XYZ(14.4747, 14.2551,
13.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	766663
RGB	118, 102, 99
RGB Percent	46%, 40%, 39%
CMY	0.5373, 0.6000, 0.6118
CMYK	0.00, 0.14, 0.16, 0.54
HSL	9°, 9%, 43%
HSV	9°, 16%, 46%
XYZ	14.4747, 14.2551, 13.7930
YIQ	106.4420, 10.4990, 2.4590

Conversions

Conversions Part 2

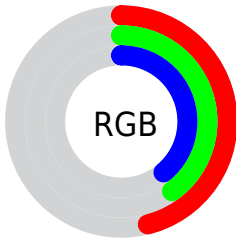
Format	Color
R_{YB}	118, 103, 99
Decimal	7759459
CIE Lab	44.60, 5.82, 4.03
CIE LCh	45, 7.078, 34.722
Yxy	14.2551, 0.3404, 0.3352
Android (android.graphics.Color)	4285949539 (0xFF766663)
YUV	106.4420, -3.6689, 10.1364
Hunter-Lab	37.7559, 2.3597, 4.7693

Details

The XYZ color **14.4747, 14.2551, 13.7930** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5463, 16.2219, 19.5041**, and the grayscale version is **13.8290, 14.5492, 15.8441**.

A 20% lighter version of the original color is **33.4738, 33.5305, 33.5619**, and **4.4630, 4.2546, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **13.0328, 12.2089, 10.7295**, and if you desaturate by 10%, it is **16.1169, 16.5697, 17.3303**.

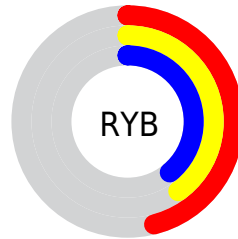
Distribution



Red (46%)

Green (40%)

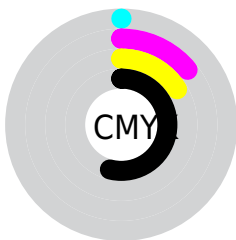
Blue (39%)



Red (46%)

Yellow (40%)

Blue (39%)

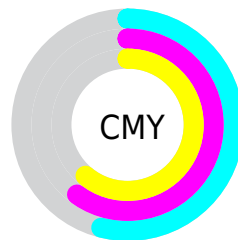


Cyan (0%)

Magenta (14%)

Yellow (16%)

Black (54%)



Cyan (54%)

Magenta (60%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4747, 14.2551, 13.7930 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 14.4747, 14.2551, 13.7930 by changing the saturation by 10% instead.

■ 14.4747, 14.2551,
13.7930

■ 14.4747, 14.2551,
13.7930

213.6163,
218.8121, 227.3227

■ 8.5355, 8.2983,
7.8397

■ 33.5082, 33.5410,
33.4331

■ 4.4941, 4.2864,
3.9063

■ 47.3333, 47.6389,
47.9570

■ 1.9853, 1.8350,
1.5741

■ 64.5176, 65.2192,
66.1749

■ 0.6257, 0.5089,
0.2722

■ 85.4266, 86.6665,
88.5053

■ 0.0000, 0.0000,
0.0000

110.4256,
112.3650, 115.3667

139.8800,

142.6992, 147.1778

174.1551,
178.0534, 184.3569

■ 14.4747, 14.2551,
13.7930

■ 14.4747, 14.2551,
13.7930

■ 13.0328, 12.2089,
10.7295

■ 16.1169, 16.5697,
17.3303

■ 11.7823, 10.4195,
8.1189

■ 17.9656, 19.1598,
21.3595

■ 10.7154, 8.8773,
5.9399

■ 20.0279, 22.0350,
25.8988

■ 9.8234, 7.5713,
4.1690

■ 22.3104, 25.2035,
30.9651

■ 9.0968, 6.4898,
2.7807

■ 24.8195, 28.6733,
36.5746

■ 8.5251, 5.6200,
1.7467

■ 27.5611, 32.4522,
42.7429

■ 8.0966, 4.9478,
1.0343

■ 30.5411, 36.5474,
49.4848

■ 7.7934, 4.4555,
0.5813

■ 33.7650, 40.9663,
56.8147

■ 7.6982, 4.3054,
0.4253

■ 37.2384, 45.7157,
64.7464

Harmonies

Analogous

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



14.6767, 14.2551, 15.2631



14.4747, 14.2551, 13.7930



14.0249, 14.2551, 12.8400

Triad

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



14.4747, 14.2551, 13.7930



12.5772, 14.2551, 14.2129



13.6399, 14.2551, 18.8823

Complementary

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



14.4747, 14.2551, 13.7930



14.5463, 16.2219, 19.5041

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.



13.0841, 14.2551, 18.5522



14.4747, 14.2551, 13.7930



12.4807, 14.2551, 15.7825

Square

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



14.4747, 14.2551, 13.7930



12.9313, 14.2551, 13.0702



12.6637, 14.2551, 17.3884



14.1862, 14.2551, 18.2613

Rectangle

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



14.4747, 14.2551, 13.7930



13.6506, 14.2551, 12.5873



12.6637, 14.2551, 17.3884



13.4480, 14.2551, 18.8792

Sweetspot

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



14.4751, 14.2557, 13.7933



28.6400, 29.5579, 31.1255



15.0364, 14.0167, 18.1781



6.5458, 6.7411, 7.0717



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

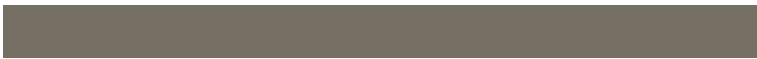
The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.4751, 14.2557, 13.7933



24.5581, 23.8009, 22.3453



15.4462, 16.1980, 14.1170



3.7264, 3.7858, 3.8766



8.3215, 4.6441, 0.4578



40.1300, 21.7885, 2.0905

Inverse Universe

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



14.5463, 16.2219, 19.5041



24.7057, 27.8875, 34.2177



13.5338, 14.1969, 19.1667



3.7364, 4.0615, 4.6773



8.3940, 11.1277, 20.2480



40.3891, 53.1948, 98.4992

Previews

White Background



This preview shows how the XYZ color 14.4747, 14.2551, 13.7930 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 14.4747, 14.2551, 13.7930 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 14.4747, 14.2551, 13.7930

Background



This preview shows how black text looks on a background with the XYZ color 14.4747, 14.2551, 13.7930.



This preview shows how white text looks on a background with the XYZ color 14.4747, 14.2551,

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

14.4747, 14.2551, 13.7930

Protanopia

13.7072, 14.2939, 14.3485

Deuteranopia

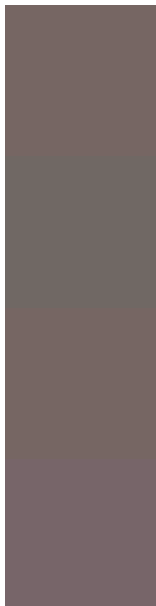
14.4747, 14.2551, 13.7930



Tritanopia

14.9682, 14.3120, 16.1609

Trichromacy



Original Color

14.4747, 14.2551, 13.7930

Protanomaly

13.9327, 14.2655, 14.0758

Deuteranomaly

14.4747, 14.2551, 13.7930

Tritanomaly

14.8112, 14.2492, 15.3343

Monochromacy



Original Color

14.4747, 14.2551, 13.7930

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.9302, 14.3974, 14.8767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4747, 14.2551, 13.7930 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(118, 102, 99)` looks like.

```
.text, #text, p{  
    color:rgb(118, 102, 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(118, 102, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 102, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.4747, 14.2551, 13.7930 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(118, 102, 99) }
```


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

```
.border{ border-color:rgb(118, 102, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 102, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 102, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 102, 99);  
box-shadow:4px 4px 4px 4px rgb(118, 102,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4747, 14.2551, 13.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 102, 99) }
```

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

```
.background{ background-color: rgb(118,  
102, 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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