

Converting Colors

XYZ(14.6712, 15.6482, 14.7280)

Have a look what the booklet for
XYZ(14.6712, 15.6482, 14.7280)
contains.

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Color

**XYZ(14.7648, 15.7729,
14.8367)**

Conversions

Conversions Part 1

Format	Color
Hex	706F66
RGB	112, 111, 102
RGB Percent	44%, 44%, 40%
CMY	0.5608, 0.5647, 0.6000
CMYK	0.00, 0.01, 0.09, 0.56
HSL	54°, 5%, 42%
HSV	54°, 9%, 44%
XYZ	14.7648, 15.7729, 14.8367
YIQ	110.2730, 3.4850, -2.5870

Conversions

Conversions Part 2

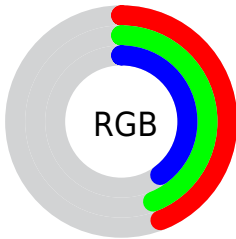
Format	Color
R_{YB}	103, 112, 102
Decimal	7368550
CIE Lab	46.68, -1.37, 5.14
CIE LCh	47, 5.322, 104.912
Yxy	15.7729, 0.3254, 0.3476
Android (android.graphics.Color)	4285558630 (0xFF706F66)
YUV	110.2730, -4.0786, 1.5146
Hunter-Lab	39.7151, -3.1409, 5.6511

Details

The XYZ color **14.7648, 15.7729, 14.8367** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2544, 13.6950, 17.2742**, and the grayscale version is **14.9104, 15.6869, 17.0831**.

A 20% lighter version of the original color is **34.1568, 36.3868, 35.3601**, and **4.5814, 4.9208, 4.3228** is the 20% darker color. If you saturate the color by 10%, you get **14.1255, 15.3237, 12.0659**, and if you desaturate by 10%, it is **15.4816, 16.2565, 18.0041**.

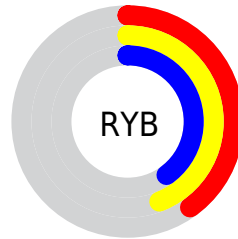
Distribution



Red (44%)

Green (44%)

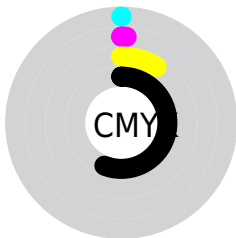
Blue (40%)



Red (40%)

Yellow (44%)

Blue (40%)

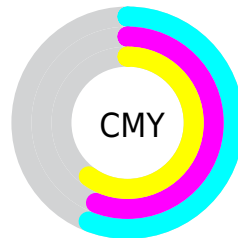


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7648, 15.7729, 14.8367 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 14.7648, 15.7729, 14.8367 by changing the saturation by 10% instead.

■ 14.7648, 15.7729,
14.8367

■ 14.7648, 15.7729,
14.8367

215.3549,
227.9979, 233.9823

■ 8.7397, 9.3636,
8.5595

■ 34.0151, 36.2035,
35.3047

■ 4.6275, 4.9791,
4.3621

■ 47.9710, 50.9936,
50.3326

■ 2.0629, 2.2350,
1.8260

■ 65.3013, 69.3460,
69.1144

■ 0.6689, 0.7390,
0.4450

■ 86.3712, 91.6453,
92.0688

■ 0.0000, 0.0000,
0.0000

111.5462,
118.2757, 119.6142

141.1916,

149.6217, 152.1693

175.6727,
186.0676, 190.1524

■ 14.7648, 15.7729,
14.8367

■ 14.7648, 15.7729,
14.8367

■ 14.1255, 15.3237,
12.0659

■ 15.4816, 16.2565,
18.0041

■ 13.5593, 14.9058,
9.6748

■ 16.2774, 16.7737,
21.5818

■ 13.0635, 14.5184,
7.6470

■ 17.1553, 17.3261,
25.5843

■ 12.6347, 14.1602,
5.9645

■ 18.1179, 17.9149,
30.0251

■ 12.2692, 13.8298,
4.6076

■ 19.1676, 18.5410,
34.9169

■ 11.9628, 13.5254,
3.5548

■ 20.3067, 19.2053,
40.2721

■ 11.7110, 13.2452,
2.7819

■ 21.5376, 19.9089,
46.1024

■ 11.5084, 12.9871,
2.2610

■ 22.8623, 20.6525,
52.4194

■ 11.3369, 12.7438,
1.8967

■ 24.2829, 21.4370,
59.2339

Harmonies

Analogous

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



15.2235, 15.7729, 14.8385



14.7648, 15.7729, 14.8367



14.3747, 15.7729, 15.4388

Triad

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



14.7648, 15.7729, 14.8367



14.3729, 15.7729, 19.0287



15.8636, 15.7729, 17.8430

Complementary

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



14.7648, 15.7729, 14.8367



13.2544, 13.6950, 17.2742

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.



15.6260, 15.7729, 19.0345



14.7648, 15.7729, 14.8367



14.7622, 15.7729, 19.7425

Square

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



14.7648, 15.7729, 14.8367



14.1516, 15.7729, 17.8354



15.2208, 15.7729, 19.7447



15.8643, 15.7729, 16.5292

Rectangle

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



14.7648, 15.7729, 14.8367



14.2034, 15.7729, 16.1204



15.2208, 15.7729, 19.7447



15.8085, 15.7729, 18.2726

Sweetspot

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



14.7652, 15.7736, 14.8370



26.6582, 28.1991, 29.2332



13.8819, 13.9270, 14.7888



6.3831, 6.7603, 6.9283



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.



14.7652, 15.7736, 14.8370



25.6615, 27.5184, 24.8542



14.3770, 15.7360, 14.8502



3.6148, 3.8622, 3.6283



13.0759, 14.6842, 2.1452



64.7798, 72.4348, 10.5671

Inverse Universe

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



13.2544, 13.6950, 17.2742



22.3567, 22.9717, 30.1854



13.6201, 13.7370, 17.2631



3.2419, 3.3491, 4.2298



3.5121, 1.6144, 17.8481



17.1835, 7.4189, 88.8054

Previews

White Background



This preview shows how the XYZ color 14.7648, 15.7729, 14.8367 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 14.7648, 15.7729, 14.8367 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

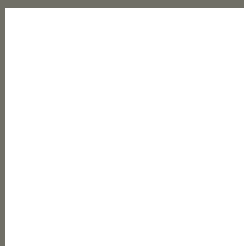
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7648, 15.7729, 14.8367

Background



This preview shows how black text looks on a background with the XYZ color 14.7648, 15.7729, 14.8367.



This preview shows how white text looks on a background with the XYZ color 14.7648, 15.7729,

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

14.7648, 15.7729, 14.8367

Protanopia

15.0444, 15.7560, 14.8187

Deuteranopia

16.0181, 15.7797, 15.0335



Tritanopia

15.6190, 15.7990, 19.0559

Trichromacy



Original Color

14.7648, 15.7729, 14.8367

Protanomaly

14.9136, 15.6886, 14.8125

Deuteranomaly

15.5565, 15.6975, 15.0420

Tritanomaly

15.3106, 15.8324, 17.5782

Monochromacy



Original Color

14.7648, 15.7729, 14.8367

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7853, 15.5929, 16.1404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7648, 15.7729, 14.8367 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(112, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(112, 111, 102)  
}
```

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(112, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 111, 102) }
```

Border

The CSS property to change the border of an element to XYZ 14.7648, 15.7729, 14.8367 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(112, 111, 102) }
```


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

```
.border{ border-color:rgb(112, 111, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 111, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(112, 111,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7648, 15.7729, 14.8367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 111, 102) }
```

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

```
.background{ background-color: rgb(112,  
111, 102) }
```

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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