

Converting Colors

XYZ(14.7152, 14.2584, 15.3424)

Have a look what the booklet for
XYZ(14.7152, 14.2584, 15.3424)
contains.

XYZ(14.6747, 14.1788, 15.3279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6747, 14.1788,
15.3279)**

Conversions

Conversions Part 1

Format	Color
Hex	766569
RGB	118, 101, 105
RGB Percent	46%, 40%, 41%
CMY	0.5373, 0.6039, 0.5882
CMYK	0.00, 0.14, 0.11, 0.54
HSL	346°, 8%, 43%
HSV	346°, 14%, 46%
XYZ	14.6747, 14.1788, 15.3279
YIQ	106.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

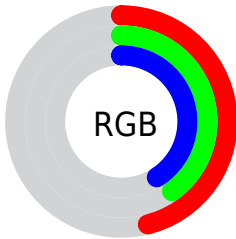
Format	Color
R _Y B	118, 101, 105
Decimal	7759209
CIE Lab	44.49, 7.51, 0.25
CIE LCh	44, 7.513, 1.901
Yxy	14.1788, 0.3321, 0.3209
Android (android.graphics.Color)	4285949289 (0xFF766569)
YUV	106.5390, -0.7587, 10.0513
Hunter-Lab	37.6547, 3.6687, 2.2235

Details

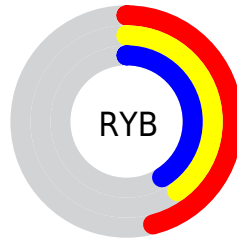
The XYZ color **14.6747, 14.1788, 15.3279** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8831, 16.9389, 18.4056**, and the grayscale version is **13.8483, 14.5695, 15.8662**.

A 20% lighter version of the original color is **33.8066, 33.4028, 36.1181**, and **4.6087, 4.2459, 4.5796** is the 20% darker color. If you saturate the color by 10%, you get **13.1708, 11.8742, 12.6583**, and if you desaturate by 10%, it is **16.3932, 16.8334, 18.3123**.

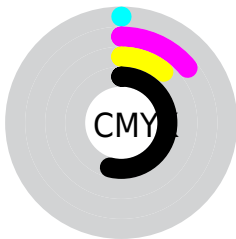
Distribution



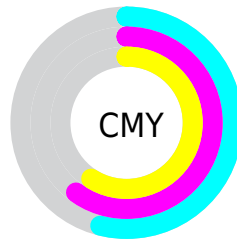
- Red (46%)
- Green (40%)
- Blue (41%)



- Red (46%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6747, 14.1788, 15.3279 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 14.6747, 14.1788, 15.3279 by changing the saturation by 10% instead.

■ 14.6747, 14.1788,
15.3279

■ 14.6747, 14.1788,
15.3279

214.8164,
218.3403, 237.0512

■ 8.6762, 8.2451,
8.9007

■ 33.8579, 33.4059,
36.1778

■ 4.5860, 4.2522,
4.5805

■ 47.7732, 47.4682,
51.4375

■ 2.0387, 1.8156,
1.9489

■ 65.0583, 65.0088,
70.4785

■ 0.6556, 0.4969,
0.5236

■ 86.0784, 86.4121,
93.7193

■ 0.0000, 0.0000,
0.0000

111.1989,
112.0625, 121.5784

140.7852,

142.3444, 154.4744

175.2026,
177.6422, 192.8258

■ 14.6747, 14.1788,
15.3279

■ 14.6747, 14.1788,
15.3279

■ 13.1708, 11.8742,
12.6583

■ 16.3932, 16.8334,
18.3123

■ 11.8718, 9.9032,
10.2921

■ 18.3331, 19.8498,
21.6205

■ 10.7689, 8.2507,
8.2189

■ 20.5023, 23.2416,
25.2622

■ 9.8524, 6.9000,
6.4268

■ 22.9082, 27.0212,
29.2464

■ 9.1117, 5.8326,
4.9035

■ 25.5577, 31.2003,
33.5819

■ 8.5350, 5.0281,
3.6356

■ 28.4574, 35.7902,
38.2771

■ 8.1090, 4.4633,
2.6084

■ 31.6136, 40.8016,
43.3401

■ 7.8147, 4.1036,
1.8046

■ 35.0326, 46.2451,
48.7786

■ 7.6780, 3.9343,
1.4379

■ 38.7202, 52.1306,
54.6004

Harmonies

Analogous

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



14.5305, 14.1788, 17.0636



14.6747, 14.1788, 15.3279



14.4899, 14.1788, 13.7415

Triad

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



14.6747, 14.1788, 15.3279



12.8702, 14.1788, 12.7755



12.9352, 14.1788, 18.5724

Complementary

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



14.6747, 14.1788, 15.3279



14.8831, 16.9389, 18.4056

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.



12.5115, 14.1788, 17.2694



14.6747, 14.1788, 15.3279



12.4748, 14.1788, 13.9196

Square

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



14.6747, 14.1788, 15.3279



13.4379, 14.1788, 12.3381



12.3454, 14.1788, 15.5492



13.5152, 14.1788, 19.0187

Rectangle

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



14.6747, 14.1788, 15.3279



14.2082, 14.1788, 12.9588



12.3454, 14.1788, 15.5492



12.7704, 14.1788, 18.2155

Sweetspot

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



14.6751, 14.1794, 15.3282



28.9226, 29.7507, 32.3678



14.8311, 14.1767, 19.0945



6.6034, 6.7682, 7.3620



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.



14.6751, 14.1794, 15.3282



24.9660, 23.6449, 25.4773



14.8977, 14.9459, 14.4123



3.7160, 3.7137, 4.0313



8.3020, 4.2545, 1.5323



40.1721, 20.6190, 5.9697

Inverse Universe

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



14.6751, 14.1794, 15.3282



24.9660, 23.6449, 25.4773



14.6265, 16.0535, 19.4675



3.7160, 3.7137, 4.0313



8.3020, 4.2545, 1.5323



40.1721, 20.6190, 5.9697

Previews

White Background



This preview shows how the XYZ color 14.6747, 14.1788, 15.3279 looks on a white background.

Color Contrast Check

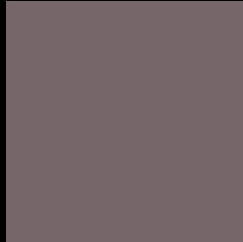
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6747, 14.1788, 15.3279 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 14.6747, 14.1788, 15.3279

Background



This preview shows how black text looks on a background with the XYZ color 14.6747, 14.1788, 15.3279.



This preview shows how white text looks on a background with the XYZ color 14.6747, 14.1788,

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

14.6747, 14.1788, 15.3279

Protanopia

13.7688, 14.2905, 15.9426

Deuteranopia

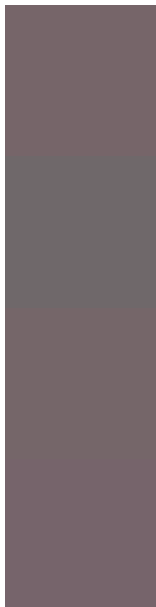
14.5036, 14.2357, 15.3479



Tritanopia

14.7352, 14.0486, 16.1224

Trichromacy



Original Color

14.6747, 14.1788, 15.3279

Protanomaly

14.1074, 14.3207, 15.6563

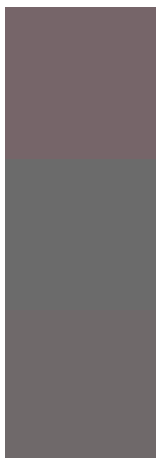
Deuteranomaly

14.6373, 14.3046, 15.3542

Tritanomaly

14.6822, 14.0274, 15.8436

Monochromacy



Original Color

14.6747, 14.1788, 15.3279

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2086, 14.5233, 15.6901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6747, 14.1788, 15.3279 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, 101, 105)` looks like.

```
.text, #text, p{  
    color:rgb(118, 101, 105)  
}
```

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, 101, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 101, 105) }
```

Border

The CSS property to change the border of an element to XYZ 14.6747, 14.1788, 15.3279 is called "border". The border property can be set on classes, ids or directly on the HTML element.

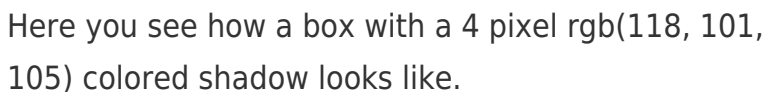
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 101, 105) }
```


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

```
.border{ border-color:rgb(118, 101, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 101, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 101, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 101, 105); box-shadow:4px 4px 4px 4px rgb(118, 101, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6747, 14.1788, 15.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 101, 105) }
```

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

```
.background{ background-color: rgb(118,  
101, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor