

Converting Colors

XYZ(15.3762, 14.9624, 15.1907)

Have a look what the booklet for
XYZ(15.3762, 14.9624, 15.1907)
contains.

XYZ(15.3342, 14.9651, 15.1770)	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(15.3342, 14.9651,
15.1770)**

Conversions

Conversions Part 1

Format	Color
Hex	796868
RGB	121, 104, 104
RGB Percent	47%, 41%, 41%
CMY	0.5255, 0.5921, 0.5922
CMYK	0.00, 0.14, 0.14, 0.53
HSL	0°, 8%, 44%
HSV	0°, 14%, 47%
XYZ	15.3342, 14.9651, 15.1770
YIQ	109.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

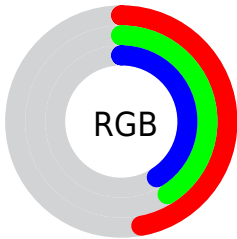
Format	Color
R_{YB}	121, 104, 104
Decimal	7956584
CIE Lab	45.59, 6.73, 2.49
CIE LCh	46, 7.179, 20.253
Yxy	14.9651, 0.3372, 0.3291
Android (android.graphics.Color)	4286146664 (0xFF796868)
YUV	109.0830, -2.5059, 10.4512
Hunter-Lab	38.6848, 3.0571, 3.8184

Details

The XYZ color **15.3342, 14.9651, 15.1770** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9974, 17.9978, 20.7202**, and the grayscale version is **14.5646, 15.3231, 16.6869**.

A 20% lighter version of the original color is **34.8713, 34.6935, 35.8689**, and **4.8741, 4.5994, 4.5018** is the 20% darker color. If you saturate the color by 10%, you get **13.6316, 12.4738, 11.7917**, and if you desaturate by 10%, it is **17.3006, 17.8425, 19.0858**.

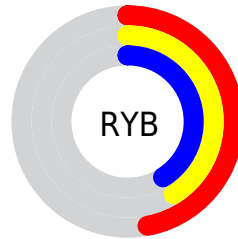
Distribution



Red (47%)

Green (41%)

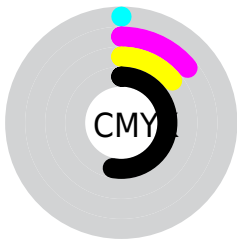
Blue (41%)



Red (47%)

Yellow (41%)

Blue (41%)

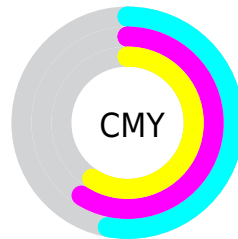


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3342, 14.9651, 15.1770 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 15.3342, 14.9651, 15.1770 by changing the saturation by 10% instead.

■ 15.3342, 14.9651,
15.1770

■ 15.3342, 14.9651,
15.1770

218.7287,
223.1549, 236.1126

■ 9.1421, 8.7949,
8.7957

■ 35.0053, 34.7919,
35.9101

■ 4.8918, 4.6076,
4.5132

■ 49.2150, 49.2174,
51.0989

■ 2.2180, 2.0189,
1.9109

■ 66.8279, 67.1633,
70.0607

■ 0.7522, 0.6184,
0.4996

■ 88.2094, 89.0142,
93.2140

■ 0.0000, 0.0000,
0.0000

113.7249,
115.1544, 120.9773

143.7397,

145.9683, 153.7691

178.6192,
181.8404, 192.0081

■ 15.3342, 14.9651,
15.1770

■ 15.3342, 14.9651,
15.1770

■ 13.6316, 12.4738,
11.7917

■ 17.3006, 17.8425,
19.0858

■ 12.1804, 10.3503,
8.9066

■ 19.5400, 21.1193,
23.5380

■ 10.9691, 8.5778,
6.4986

■ 22.0627, 24.8106,
28.5535

■ 9.9847, 7.1374,
4.5417

■ 24.8783, 28.9304,
34.1511

■ 9.2132, 6.0084,
3.0081

■ 27.9955, 33.4916,
40.3486

■ 8.6388, 5.1678,
1.8663

■ 31.4231, 38.5069,
47.1632

■ 8.2436, 4.5896,
1.0810

■ 35.1692, 43.9883,
54.6111

■ 8.0030, 4.2375,
0.6029

■ 39.2419, 49.9475,
62.7083

■ 7.8855, 4.0654,
0.3691

■ 43.6487, 56.3956,
71.4700

Harmonies

Analogous

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



15.3918, 14.9651, 16.8604



15.3342, 14.9651, 15.1770



14.9746, 14.9651, 13.8832

Triad

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



15.3342, 14.9651, 15.1770



13.3549, 14.9651, 14.2713



14.0294, 14.9651, 19.7735

Complementary

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



15.3342, 14.9651, 15.1770



15.9974, 17.9978, 20.7202

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.



13.4987, 14.9651, 18.9698



15.3342, 14.9651, 15.1770



13.1166, 14.9651, 15.7413

Square

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



15.3342, 14.9651, 15.1770



13.8281, 14.9651, 13.3864



13.1685, 14.9651, 17.4654



14.6271, 14.9651, 19.5958

Rectangle

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



15.3342, 14.9651, 15.1770



14.6173, 14.9651, 13.3777



13.1685, 14.9651, 17.4654



13.8375, 14.9651, 19.6071

Sweetspot

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



15.3346, 14.9658, 15.1773



30.9615, 31.9231, 34.1396



16.2869, 15.3462, 20.1931



7.0247, 7.2192, 7.6973



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.



15.3346, 14.9658, 15.1773



26.3790, 25.2177, 25.0292



16.2335, 16.7636, 15.4770



3.9983, 4.0151, 4.1888



8.4504, 4.3566, 0.3955



40.3085, 20.7804, 1.8865

Inverse Universe

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



15.9974, 17.9978, 20.7202



27.8180, 31.8016, 37.0651



15.0098, 16.0227, 20.3910



4.1070, 4.5123, 5.0977



11.0233, 16.1290, 21.9175



52.5815, 76.9357, 104.5485

Previews

White Background



This preview shows how the XYZ color 15.3342, 14.9651, 15.1770 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 15.3342, 14.9651, 15.1770 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 15.3342, 14.9651, 15.1770

Background



This preview shows how black text looks on a background with the XYZ color 15.3342, 14.9651, 15.1770.



This preview shows how white text looks on a background with the XYZ color 15.3342, 14.9651,

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

15.3342, 14.9651, 15.1770

Protanopia

14.3945, 15.0807, 15.7879

Deuteranopia

15.1947, 14.8932, 15.1705



Tritanopia

15.7455, 14.9858, 17.1016

Trichromacy



Original Color

15.3342, 14.9651, 15.1770

Protanomaly

14.7469, 15.1127, 15.5044

Deuteranomaly

15.1947, 14.8932, 15.1705

Tritanomaly

15.5831, 14.9208, 16.2460

Monochromacy



Original Color

15.3342, 14.9651, 15.1770

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.7216, 15.0876, 16.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3342, 14.9651, 15.1770 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, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(121, 104, 104)  
}
```

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, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 15.3342, 14.9651, 15.1770 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, 104, 104) }
```


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

```
.border{ border-color:rgb(121, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(121, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3342, 14.9651, 15.1770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 104, 104) }
```

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

```
.background{ background-color: rgb(121,  
104, 104) }
```

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