

Converting Colors

XYZ(17.4949, 19.1151, 15.5771)

Have a look what the booklet for
XYZ(17.4949, 19.1151, 15.5771)
contains.

XYZ(17.4338, 19.0359, 15.5874)	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(17.4338, 19.0359,
15.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7A67
RGB	122, 122, 103
RGB Percent	48%, 48%, 40%
CMY	0.5216, 0.5216, 0.5961
CMYK	0.00, 0.00, 0.16, 0.52
HSL	60°, 8%, 44%
HSV	60°, 16%, 48%
XYZ	17.4338, 19.0359, 15.5874
YIQ	119.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

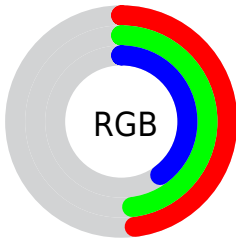
Format	Color
R_{YB}	103, 122, 103
Decimal	8026727
CIE Lab	50.73, -3.54, 10.43
CIE LCh	51, 11.009, 108.739
Yxy	19.0359, 0.3349, 0.3657
Android (android.graphics.Color)	4286216807 (0xFF7A7A67)
YUV	119.8340, -8.2992, 1.8996
Hunter-Lab	43.6302, -5.0275, 9.3590

Details

The XYZ color **17.4338, 19.0359, 15.5874** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9573, 13.9897, 20.3780**, and the grayscale version is **17.8243, 18.7525, 20.4215**.

A 20% lighter version of the original color is **38.6480, 41.7192, 36.5875**, and **5.8440, 6.4671, 4.6816** is the 20% darker color. If you saturate the color by 10%, you get **16.8656, 18.8092, 12.5942**, and if you desaturate by 10%, it is **18.0924, 19.3000, 19.0522**.

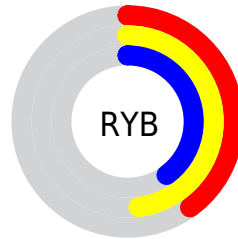
Distribution



Red (48%)

Green (48%)

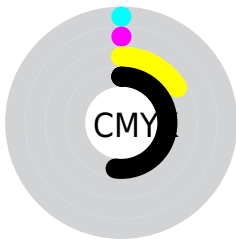
Blue (40%)



Red (40%)

Yellow (48%)

Blue (40%)

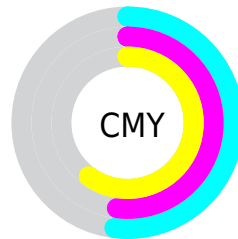


Cyan (0%)

Magenta (0%)

Yellow (16%)

Black (52%)



Cyan (52%)

Magenta (52%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4338, 19.0359, 15.5874 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 17.4338, 19.0359, 15.5874 by changing the saturation by 10% instead.

■ 17.4338, 19.0359,
15.5874

■ 17.4338, 19.0359,
15.5874

230.7678,
246.6469, 238.6566

■ 10.6415, 11.6962,
9.0815

■ 38.6078, 41.7948,
36.6372

■ 5.8918, 6.5372,
4.6968

■ 53.7203, 57.9827,
52.0181

■ 2.8194, 3.1744,
2.0149

■ 72.3367, 77.8889,
71.1945

■ 1.0590, 1.2234,
0.5644

■ 94.8227, 101.8977,
94.5848

■ 0.0000, 0.0807,
0.0000

121.5434,
130.3935, 122.6077

■ 0.0000, 0.0000,
0.0000

152.8642,

163.7607, 155.6815

189.1506,
202.3837, 194.2250

■ 17.4338, 19.0359,
15.5874

■ 17.4338, 19.0359,
15.5874

■ 16.8656, 18.8092,
12.5942

■ 18.0924, 19.3000,
19.0522

■ 16.3825, 18.6160,
10.0509

■ 18.8434, 19.6004,
23.0063

■ 15.9807, 18.4552,
7.9363

■ 19.6909, 19.9395,
27.4682

■ 15.6559, 18.3253,
6.2267

■ 20.6381, 20.3184,
32.4550

■ 15.4031, 18.2241,
4.8962

■ 21.6881, 20.7384,
37.9830

■ 15.2167, 18.1496,
3.9161

■ 22.8438, 21.2006,
44.0677

■ 15.0907, 18.0991,
3.2533

■ 24.1080, 21.7064,
50.7242

■ 15.0142, 18.0685,
2.8513

■ 25.4836, 22.2566,
57.9669

■ 14.9845, 18.0566,
2.6955

■ 26.9731, 22.8524,
65.8096

Harmonies

Analogous

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



18.5018, 19.0359, 15.4219



17.4338, 19.0359, 15.5874



16.5758, 19.0359, 17.0453

Triad

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



17.4338, 19.0359, 15.5874



16.7572, 19.0359, 25.5290



20.2081, 19.0359, 21.9107

Complementary

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



17.4338, 19.0359, 15.5874



13.9573, 13.9897, 20.3780

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.



19.7001, 19.0359, 24.9037



17.4338, 19.0359, 15.5874



17.6904, 19.0359, 27.1271

Square

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



17.4338, 19.0359, 15.5874



16.1961, 19.0359, 22.6977



18.7687, 19.0359, 26.8875



20.1327, 19.0359, 18.8736

Rectangle

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



17.4338, 19.0359, 15.5874



16.2251, 19.0359, 18.6432



18.7687, 19.0359, 26.8875



20.0991, 19.0359, 22.9602

Sweetspot

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



17.4343, 19.0367, 15.5878



31.8847, 33.9753, 33.8139



15.3250, 14.8178, 14.8846



7.2746, 7.7621, 7.6478



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.



17.4343, 19.0367, 15.5878



30.2638, 33.3269, 25.2808



16.1543, 18.3769, 15.5279



4.3077, 4.6339, 4.2919



15.7755, 19.0098, 2.8378



75.2501, 90.6783, 13.5366

Inverse Universe

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



13.9573, 13.9897, 20.3780



22.8191, 22.5205, 35.5371



15.1095, 14.5837, 20.4319



3.7977, 3.8936, 4.9946



3.6986, 1.4795, 19.4759



17.6424, 7.0570, 92.9021

Previews

White Background



This preview shows how the XYZ color 17.4338, 19.0359, 15.5874 looks on a white 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

Black Background



This preview shows how the XYZ color 17.4338, 19.0359, 15.5874 looks on a black 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

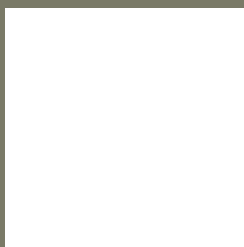
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4338, 19.0359, 15.5874

Background



This preview shows how black text looks on a background with the XYZ color 17.4338, 19.0359, 15.5874.



This preview shows how white text looks on a background with the XYZ color 17.4338, 19.0359,

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

17.4338, 19.0359, 15.5874

Protanopia

17.8671, 18.9043, 15.2776

Deuteranopia

19.2253, 18.8935, 15.7302



Tritanopia

18.9506, 19.1121, 23.1123

Trichromacy



Original Color

17.4338, 19.0359, 15.5874

Protanomaly

17.6931, 18.9940, 15.3041

Deuteranomaly

18.4928, 18.8619, 15.7627

Tritanomaly

18.3584, 19.0499, 20.1622

Monochromacy



Original Color

17.4338, 19.0359, 15.5874

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.7598, 18.9546, 18.6421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4338, 19.0359, 15.5874 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(122, 122, 103)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 103)  
}
```

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(122, 122, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.4338, 19.0359, 15.5874 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(122, 122, 103) }
```


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

```
.border{ border-color:rgb(122, 122, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 122, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 122, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 122, 103); box-shadow:4px 4px 4px 4px rgb(122, 122, 103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4338, 19.0359, 15.5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 103) }
```

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

```
.background{ background-color: rgb(122,  
122, 103) }
```

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