

Converting Colors

XYZ(15.7420, 14.2361, 19.1244)

Have a look what the booklet for
XYZ(15.7420, 14.2361, 19.1244)
contains.

XYZ(15.6637, 14.1809, 19.0512)	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(15.6637, 14.1809,
19.0512)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6276
RGB	122, 98, 118
RGB Percent	48%, 38%, 46%
CMY	0.5216, 0.6157, 0.5373
CMYK	0.00, 0.20, 0.03, 0.52
HSL	310°, 11%, 43%
HSV	310°, 20%, 48%
XYZ	15.6637, 14.1809, 19.0512
YIQ	107.4560, 7.8840, 11.3080

Conversions

Conversions Part 2

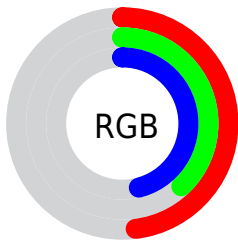
Format	Color
R_{YB}	122, 98, 118
Decimal	8020598
CIE _{Lab}	44.49, 13.39, -7.57
CIE _{LCh}	44, 15.381, 330.530
Yxy	14.1809, 0.3203, 0.2900
Android (android.graphics.Color)	4286210678 (0xFF7A6276)
YUV	107.4560, 5.1982, 12.7551
Hunter-Lab	37.6575, 8.3466, -3.6349

Details

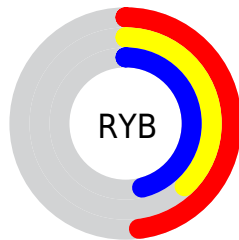
The XYZ color **15.6637, 14.1809, 19.0512** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.3953, 17.4754, 15.1854**, and the grayscale version is **14.0866, 14.8202, 16.1392**.

A 20% lighter version of the original color is **35.6823, 33.5111, 42.6178**, and **5.0370, 4.2263, 6.3446** is the 20% darker color. If you saturate the color by 10%, you get **14.4887, 12.0219, 18.0699**, and if you desaturate by 10%, it is **17.0162, 16.6902, 20.1049**.

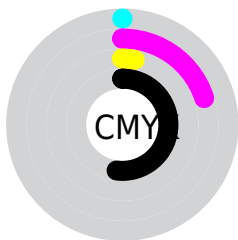
Distribution



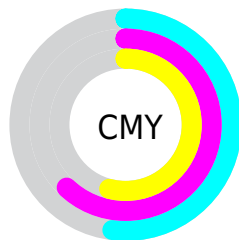
- Red (48%)
- Green (38%)
- Blue (46%)



- Red (48%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6637, 14.1809, 19.0512 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 15.6637, 14.1809, 19.0512 by changing the saturation by 10% instead.

■ 15.6637, 14.1809,
19.0512

■ 15.6637, 14.1809,
19.0512

220.6586,
218.3533, 259.1634

■ 9.3758, 8.2466,
11.5301

■ 35.5756, 33.4097,
42.6584

■ 5.0462, 4.2531,
6.3059

■ 49.9303, 47.4729,
59.5817

■ 2.3094, 1.8162,
2.9602

■ 67.7046, 65.0146,
80.4760

■ 0.7995, 0.4972,
1.0744

■ 89.2640, 86.4191,
105.7600

■ 0.0000, 0.0000,
0.0000

114.9737,
112.0708, 135.8522

145.1992,

142.3542, 171.1711

180.3057,
177.6536, 212.1354

■ 15.6637, 14.1809,
19.0512

■ 15.6637, 14.1809,
19.0512

■ 14.4887, 12.0219,
18.0699

■ 17.0162, 16.6902,
20.1049

■ 13.4820, 10.1957,
17.1573

■ 18.5523, 19.5626,
21.2325

■ 12.6355, 8.6859,
16.3108

■ 20.2793, 22.8128,
22.4368

■ 11.9402, 7.4741,
15.5273

■ 22.2038, 26.4537,
23.7200

■ 11.3857, 6.5401,
14.8033

■ 24.3321, 30.4979,
25.0843

10.9607, 5.8609,
14.1349

26.6702, 34.9573,
26.5318

10.6519, 5.4101,
13.5175

29.2238, 39.8435,
28.0644

10.4156, 5.1004,
12.9367

31.9985, 45.1674,
29.6841

10.4079, 5.0903,
12.9178

34.9995, 50.9397,
31.3927

Harmonies

Analogous

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



14.7269, 14.1809, 22.1041



15.6637, 14.1809, 19.0512



16.0072, 14.1809, 15.3775

Triad

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



15.6637, 14.1809, 19.0512



13.4565, 14.1809, 9.5673



11.5265, 14.1809, 19.1773

Complementary

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



15.6637, 14.1809, 19.0512



14.3953, 17.4754, 15.1854

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.



11.2312, 14.1809, 15.5038



15.6637, 14.1809, 19.0512



12.3028, 14.1809, 10.2721

Square

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



15.6637, 14.1809, 19.0512



14.6864, 14.1809, 10.2240



11.5067, 14.1809, 12.3177



12.3387, 14.1809, 22.1844

Rectangle

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



15.6637, 14.1809, 19.0512



15.8380, 14.1809, 13.1666



11.5067, 14.1809, 12.3177



11.3658, 14.1809, 17.9624

Sweetspot

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



15.6641, 14.1815, 19.0515



30.8515, 31.0701, 36.0545



13.3606, 12.9660, 20.2110



7.0250, 7.0495, 8.2222



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.



15.6641, 14.1815, 19.0515



26.5046, 23.0094, 32.6539



14.9957, 13.9141, 15.5316



4.1272, 4.0666, 4.8674



10.9552, 5.3582, 13.5866



51.9875, 25.4513, 63.3895

Inverse Universe

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



15.6641, 14.1815, 19.0515



26.5046, 23.0094, 32.6539



15.0342, 17.7310, 18.5500



4.1272, 4.0666, 4.8674



10.9552, 5.3582, 13.5866



51.9875, 25.4513, 63.3895

Previews

White Background



This preview shows how the XYZ color 15.6637, 14.1809, 19.0512 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 15.6637, 14.1809, 19.0512 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 15.6637, 14.1809, 19.0512

Background



This preview shows how black text looks on a background with the XYZ color 15.6637, 14.1809, 19.0512.



This preview shows how white text looks on a background with the XYZ color 15.6637, 14.1809,

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

15.6637, 14.1809, 19.0512

Protanopia

14.0439, 14.3331, 20.4387

Deuteranopia

14.4915, 14.2998, 18.8260



Tritanopia

15.1491, 14.2620, 16.1418

Trichromacy



Original Color

15.6637, 14.1809, 19.0512

Protanomaly

14.5092, 14.1344, 20.0527

Deuteranomaly

14.8040, 14.1691, 18.7843

Tritanomaly

15.2716, 14.1585, 17.2572

Monochromacy



Original Color

15.6637, 14.1809, 19.0512

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.5016, 14.4931, 17.0720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6637, 14.1809, 19.0512 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, 98, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 98, 118)  
}
```

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, 98, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 98, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.6637, 14.1809, 19.0512 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, 98, 118) }
```


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

```
.border{ border-color:rgb(122, 98, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 98, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 98, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 98, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 98,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6637, 14.1809, 19.0512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 98, 118) }
```

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

```
.background{ background-color: rgb(122, 98,  
118) }
```

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