

Converting Colors

XYZ(15.7844, 19.3260, 10.8014)

Have a look what the booklet for
XYZ(15.7844, 19.3260, 10.8014)
contains.

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Color

**XYZ(15.9243, 19.4923,
10.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	708052
RGB	112, 128, 82
RGB Percent	44%, 50%, 32%
CMY	0.5608, 0.4980, 0.6784
CMYK	0.13, 0.00, 0.36, 0.50
HSL	81°, 22%, 41%
HSV	81°, 36%, 50%
XYZ	15.9243, 19.4923, 10.9057
YIQ	117.9720, 5.2300, -17.6980

Conversions

Conversions Part 2

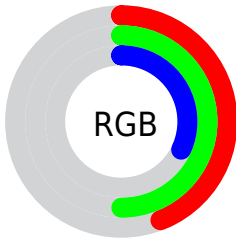
Format	Color
R_{YB}	82, 128, 98
Decimal	7372882
CIE Lab	51.26, -14.27, 23.08
CIE LCh	51, 27.134, 121.718
Yxy	19.4923, 0.3438, 0.4208
Android (android.graphics.Color)	4285562962 (0xFF708052)
YUV	117.9720, -17.7342, -5.2374
Hunter-Lab	44.1501, -12.8803, 16.2596

Details

The XYZ color **15.9243, 19.4923, 10.9057** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **11.9513, 10.1902, 21.7602**, and the grayscale version is **17.2642, 18.1633, 19.7798**.

A 20% lighter version of the original color is **35.9986, 42.6062, 28.1563**, and **5.1643, 6.7761, 2.7048** is the 20% darker color. If you saturate the color by 10%, you get **14.9295, 19.0312, 8.5495**, and if you desaturate by 10%, it is **17.0390, 20.0059, 13.7427**.

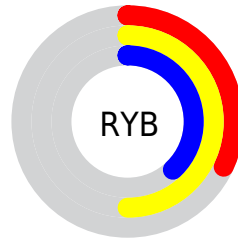
Distribution



Red (44%)

Green (50%)

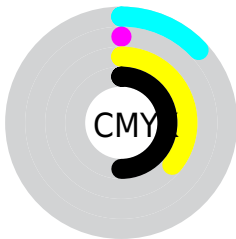
Blue (32%)



Red (32%)

Yellow (50%)

Blue (38%)

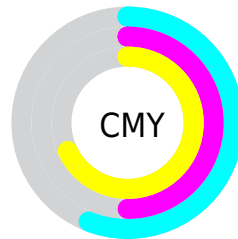


Cyan (13%)

Magenta (0%)

Yellow (36%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9243, 19.4923, 10.9057 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 15.9243, 19.4923, 10.9057 by changing the saturation by 10% instead.

■ 15.9243, 19.4923,
10.9057

■ 15.9243, 19.4923,
10.9057

222.1738,
249.1532, 207.7336

■ 9.5611, 12.0265,
5.8901

■ 36.0252, 42.5643,
28.1196

■ 5.1690, 6.7618,
2.7107

■ 50.4937, 58.9394,
41.1550

■ 2.3825, 3.3136,
0.9488

■ 68.3946, 79.0530,
57.7008

■ 0.8364, 1.2975,
0.0000

■ 90.0934, 103.2896,
78.1754

■ 0.0000, 0.1393,
0.0000

■ 115.9553,
132.0335, 102.9975

■ 0.0000, 0.0000,
0.0000

146.3458,

165.6691, 132.5855

181.6302,
204.5809, 167.3580

■ 15.9243, 19.4923,
10.9057

■ 15.9243, 19.4923,
10.9057

■ 14.9295, 19.0312,
8.5495

■ 17.0390, 20.0059,
13.7427

■ 14.0477, 18.6178,
6.6462

■ 18.2772, 20.5716,
17.0839

■ 13.2733, 18.2506,
5.1668

■ 19.6442, 21.1921,
20.9527

■ 12.5998, 17.9268,
4.0787

■ 21.1443, 21.8692,
25.3705

■ 12.0196, 17.6433,
3.3443

■ 22.7818, 22.6047,
30.3577

■ 11.5202, 17.3952,
2.8997

■ 24.5608, 23.4002,
35.9336

■ 11.3289, 17.2999,
2.7421

■ 26.4851, 24.2573,
42.1165

■ 28.5583, 25.1776,
48.9242

■ 30.7841, 26.1624,
56.3733

Harmonies

Analogous

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



18.3713, 19.4923, 9.5435



15.9243, 19.4923, 10.9057



14.3130, 19.4923, 14.9184

Triad

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



15.9243, 19.4923, 10.9057



16.1697, 19.4923, 37.2327



24.2282, 19.4923, 20.7803

Complementary

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



15.9243, 19.4923, 10.9057



11.9513, 10.1902, 21.7602

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.



23.4959, 19.4923, 29.0944



15.9243, 19.4923, 10.9057



18.6832, 19.4923, 39.8699

Square

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



15.9243, 19.4923, 10.9057



14.4447, 19.4923, 30.0594



21.3985, 19.4923, 36.5869



23.3136, 19.4923, 14.3152

Rectangle

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



15.9243, 19.4923, 10.9057



13.8411, 19.4923, 19.1492



21.3985, 19.4923, 36.5869



24.1662, 19.4923, 23.4430

Sweetspot

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



15.9248, 19.4932, 10.9061



33.2770, 36.7172, 33.1504



14.7313, 13.8101, 9.8721



7.7290, 8.5683, 7.5865



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.9248, 19.4932, 10.9061



26.6099, 33.6573, 15.7964



13.4269, 18.2054, 10.7892



4.5246, 4.9469, 4.6365



11.2344, 17.1539, 2.7189



0.0000, 0.0000, 0.0000

Inverse Universe

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



11.9513, 10.1902, 21.7602



18.5503, 14.7757, 37.8306



14.7063, 11.6105, 21.8891



4.2390, 4.2788, 5.4157



4.9174, 2.0887, 20.3939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9243, 19.4923, 10.9057 looks on a white background.

Color Contrast Check

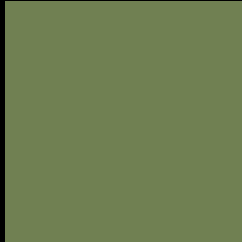
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9243, 19.4923, 10.9057 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 15.9243, 19.4923, 10.9057

Background



This preview shows how black text looks on a background with the XYZ color 15.9243, 19.4923, 10.9057.



This preview shows how white text looks on a background with the XYZ color 15.9243, 19.4923,

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

15.9243, 19.4923, 10.9057

Protanopia

17.9232, 19.4038, 10.3901

Deuteranopia

19.6386, 19.3824, 11.0936



Tritanopia

18.7321, 19.5069, 24.6077

Trichromacy



Original Color

15.9243, 19.4923, 10.9057

Protanomaly

17.1503, 19.3694, 10.6193

Deuteranomaly

18.0716, 19.2858, 10.9537

Tritanomaly

17.4474, 19.3432, 18.7336

Monochromacy



Original Color

15.9243, 19.4923, 10.9057

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

16.7118, 18.6520, 16.0840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9243, 19.4923, 10.9057 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, 128, 82)` looks like.

```
.text, #text, p{  
    color:rgb(112, 128, 82)  
}
```

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, 128, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 128, 82) }
```

Border

The CSS property to change the border of an element to XYZ 15.9243, 19.4923, 10.9057 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, 128, 82) }
```


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

```
.border{ border-color:rgb(112, 128, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 128, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 128, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 128, 82);  
box-shadow:4px 4px 4px 4px rgb(112, 128,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9243, 19.4923, 10.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 128, 82) }
```

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

```
.background{ background-color: rgb(112,  
128, 82) }
```

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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