

Converting Colors

XYZ(19.6642, 19.8420, 14.8501)

Have a look what the booklet for
XYZ(19.6642, 19.8420, 14.8501)
contains.

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Color

**XYZ(19.6642, 19.8420,
14.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7864
RGB	139, 120, 100
RGB Percent	55%, 47%, 39%
CMY	0.4549, 0.5294, 0.6078
CMYK	0.00, 0.14, 0.28, 0.45
HSL	31°, 16%, 47%
HSV	31°, 28%, 55%
XYZ	19.6642, 19.8420, 14.8501
YIQ	123.4010, 17.7440, -2.1920

Conversions

Conversions Part 2

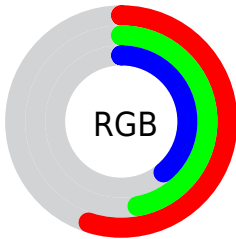
Format	Color
RYB	137, 139, 100
Decimal	9140324
CIELab	51.66, 4.09, 13.70
CIELCh	52, 14.301, 73.375
Yxy	19.8420, 0.3618, 0.3650
Android (android.graphics.Color)	4287330404 (0xFF8B7864)
YUV	123.4010, -11.5367, 13.6803
Hunter-Lab	44.5444, 0.8466, 11.4151

Details

The XYZ color **19.6642, 19.8420, 14.8501** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5125, 17.7667, 26.9852**, and the grayscale version is **18.9925, 19.9816, 21.7600**.

A 20% lighter version of the original color is **42.3308, 43.0769, 35.3618**, and **6.9845, 6.9665, 4.3447** is the 20% darker color. If you saturate the color by 10%, you get **18.2624, 18.0248, 11.3421**, and if you desaturate by 10%, it is **21.2394, 21.8222, 18.9828**.

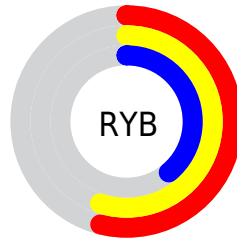
Distribution



Red (55%)

Green (47%)

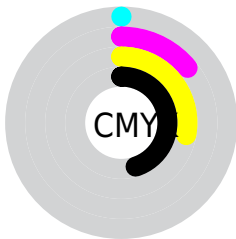
Blue (39%)



Red (54%)

Yellow (55%)

Blue (39%)

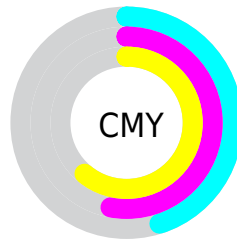


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (45%)



Cyan (45%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6642, 19.8420, 14.8501 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 19.6642, 19.8420, 14.8501 by changing the saturation by 10% instead.

■ 19.6642, 19.8420,
14.8501

■ 19.6642, 19.8420,
14.8501

242.9597,
251.0585, 234.0666

■ 12.2580, 12.2802,
8.5688

■ 42.3617, 43.1521,
35.3286

■ 6.9931, 6.9348,
4.3681

■ 58.3838, 59.6693,
50.3628

■ 3.5041, 3.4214,
1.8294

■ 78.0085, 79.9404,
69.1518

■ 1.4256, 1.3555,
0.4472

■ 101.6013,
104.3498, 92.1140

■ 0.2744, 0.1836,
0.0000

129.5274,
133.2819, 119.6681

■ 0.0000, 0.0000,
0.0000

162.1523,

167.1211, 152.2325

199.8413,
206.2519, 190.2258

■ 19.6642, 19.8420,
14.8501

■ 19.6642, 19.8420,
14.8501

■ 18.2624, 18.0248,
11.3421

■ 21.2394, 21.8222,
18.9828

■ 17.0256, 16.3630,
8.4264

■ 22.9931, 23.9670,
23.7678

■ 15.9465, 14.8527,
6.0697

■ 24.9319, 26.2817,
29.2326

■ 15.0171, 13.4886,
4.2347

■ 27.0618, 28.7703,
35.4027

■ 14.2280, 12.2648,
2.8795

■ 29.3882, 31.4367,
42.3023

■ 13.5690, 11.1750,
1.9559

■ 31.9166, 34.2847,
49.9545

■ 13.0192, 10.2086,
1.3618

■ 34.6521, 37.3180,
58.3813

■ 12.9194, 10.0327,
1.2556

■ 37.5996, 40.5401,
67.6038

■ 40.7638, 43.9545,
77.6424

Harmonies

Analogous

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



20.9487, 19.8420, 16.5940



19.6642, 19.8420, 14.8501



18.2246, 19.8420, 14.7595

Triad

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



19.6642, 19.8420, 14.8501



16.2867, 19.8420, 23.4954



20.8296, 19.8420, 27.9102

Complementary

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



19.6642, 19.8420, 14.8501



16.5125, 17.7667, 26.9852

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.



19.5084, 19.8420, 30.2937



19.6642, 19.8420, 14.8501



16.9135, 19.8420, 27.5341

Square

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



19.6642, 19.8420, 14.8501



16.3236, 19.8420, 19.4100



18.0765, 19.8420, 30.1479



21.6446, 19.8420, 23.9586

Rectangle

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



19.6642, 19.8420, 14.8501



17.3737, 19.8420, 15.6251



18.0765, 19.8420, 30.1479



20.4271, 19.8420, 28.9427

Sweetspot

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



19.6647, 19.8429, 14.8505



41.1378, 42.8739, 42.4565



18.5647, 15.9475, 19.7106



9.3752, 9.7534, 9.4954



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.6647, 19.8429, 14.8505



33.5043, 33.3278, 22.2754



22.1805, 24.8745, 15.6891



5.2311, 5.4450, 5.3277



11.6775, 9.0894, 1.1390



0.0922, 0.0897, 0.0125

Inverse Universe

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



16.5125, 17.7667, 26.9852



26.8444, 28.9416, 47.9144



14.4732, 13.6881, 26.3055



4.9626, 5.2681, 6.3611



6.0729, 5.4162, 22.7710



0.0549, 0.0651, 0.1561

Previews

White Background



This preview shows how the XYZ color 19.6642, 19.8420, 14.8501 looks on a white background.

Color Contrast Check

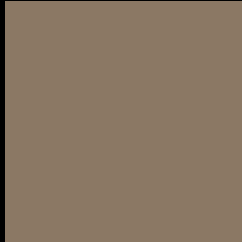
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6642, 19.8420, 14.8501 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

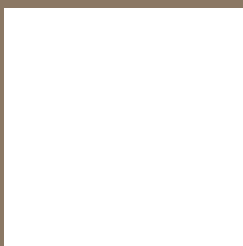
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6642, 19.8420, 14.8501

Background



This preview shows how black text looks on a background with the XYZ color 19.6642, 19.8420, 14.8501.



This preview shows how white text looks on a background with the XYZ color 19.6642, 19.8420,

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

19.6642, 19.8420, 14.8501

Protanopia

18.6378, 19.8513, 15.1613

Deuteranopia

20.1064, 19.7166, 14.8026



Tritanopia

21.1024, 19.7222, 22.0966

Trichromacy



Original Color

19.6642, 19.8420, 14.8501

Protanomaly

18.9814, 19.8452, 15.1420

Deuteranomaly

20.0524, 19.8645, 14.8340

Tritanomaly

20.4982, 19.6463, 19.2347

Monochromacy



Original Color

19.6642, 19.8420, 14.8501

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1073, 19.8240, 19.0390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6642, 19.8420, 14.8501 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(139, 120, 100)` looks like.

```
.text, #text, p{  
    color:rgb(139, 120, 100)  
}
```

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(139, 120, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 120, 100) }
```

Border

The CSS property to change the border of an element to XYZ 19.6642, 19.8420, 14.8501 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(139, 120, 100) }
```


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

```
.border{ border-color:rgb(139, 120, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 120, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 120, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 120, 100);  
box-shadow:4px 4px 4px 4px rgb(139, 120,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6642, 19.8420, 14.8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 120, 100) }
```

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

```
.background{ background-color: rgb(139,  
120, 100) }
```

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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