

Converting Colors

XYZ(18.3031, 19.7147, 14.4216)

Have a look what the booklet for
XYZ(18.3031, 19.7147, 14.4216)
contains.

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Color

**XYZ(18.3408, 19.7149,
14.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	817B62
RGB	129, 123, 98
RGB Percent	51%, 48%, 38%
CMY	0.4941, 0.5176, 0.6157
CMYK	0.00, 0.05, 0.24, 0.49
HSL	48°, 14%, 45%
HSV	48°, 24%, 51%
XYZ	18.3408, 19.7149, 14.3940
YIQ	121.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

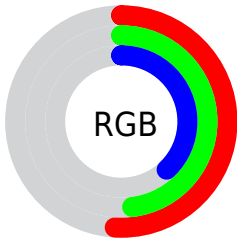
Format	Color
R_{YB}	105, 129, 98
Decimal	8485730
CIE _{Lab}	51.51, -2.07, 14.52
CIE _{LCh}	52, 14.666, 98.126
Yxy	19.7149, 0.3497, 0.3759
Android (android.graphics.Color)	4286675810 (0xFF817B62)
YUV	121.9440, -11.8044, 6.1881
Hunter-Lab	44.4015, -3.9700, 11.8605

Details

The XYZ color **18.3408, 19.7149, 14.3940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9497, 14.0819, 22.7517**, and the grayscale version is **18.5155, 19.4797, 21.2134**.

A 20% lighter version of the original color is **40.0462, 42.7750, 34.5795**, and **6.2708, 6.7988, 4.1138** is the 20% darker color. If you saturate the color by 10%, you get **17.4747, 18.8801, 11.3386**, and if you desaturate by 10%, it is **19.3140, 20.6065, 17.9699**.

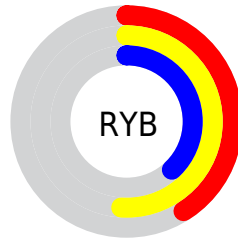
Distribution



Red (51%)

Green (48%)

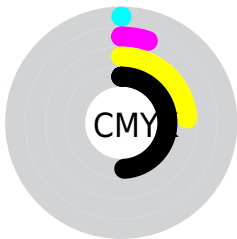
Blue (38%)



Red (41%)

Yellow (51%)

Blue (38%)

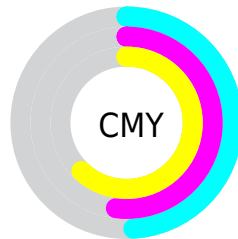


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (49%)



Cyan (49%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3408, 19.7149, 14.3940 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 18.3408, 19.7149, 14.3940 by changing the saturation by 10% instead.

■ 18.3408, 19.7149,
14.3940

■ 18.3408, 19.7149,
14.3940

235.7936,
250.3675, 231.1814

■ 11.2961, 12.1880,
8.2533

■ 40.1427, 42.9387,
34.5136

■ 6.3351, 6.8718,
4.1674

■ 55.6307, 59.4043,
49.3297

■ 3.0925, 3.3821,
1.7176

■ 74.6638, 79.6183,
67.8746

■ 1.2029, 1.3343,
0.3728

■ 97.6073, 103.9651,
90.5670

■ 0.1086, 0.1675,
0.0000

124.8268,
132.8290, 117.8253

■ 0.0000, 0.0000,
0.0000

156.6874,

166.5944, 150.0681

193.5545,
205.6458, 187.7139

■ 18.3408, 19.7149,
14.3940

■ 18.3408, 19.7149,
14.3940

■ 17.4747, 18.8801,
11.3386

■ 19.3140, 20.6065,
17.9699

■ 16.7095, 18.0975,
8.7779

■ 20.3972, 21.5542,
22.0883

■ 16.0404, 17.3658,
6.6853

■ 21.5951, 22.5606,
26.7711

■ 15.4619, 16.6827,
5.0316

■ 22.9117, 23.6273,
32.0390

■ 14.9678, 16.0456,
3.7842

■ 24.3507, 24.7559,
37.9114

■ 14.5508, 15.4515,
2.9058

■ 25.9156, 25.9481,
44.4069

■ 14.2018, 14.8967,
2.3480

■ 27.6100, 27.2052,
51.5433

■ 14.0082, 14.5770,
2.0753

■ 29.4370, 28.5285,
59.3376

■ 31.3999, 29.9196,
67.8062

Harmonies

Analogous

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



19.8139, 19.7149, 14.7825



18.3408, 19.7149, 14.3940



17.0431, 19.7149, 15.6951

Triad

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



18.3408, 19.7149, 14.3940



16.5969, 19.7149, 26.8754



21.4925, 19.7149, 24.6332

Complementary

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



18.3408, 19.7149, 14.3940



13.9497, 14.0819, 22.7517

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.



20.5426, 19.7149, 28.5025



18.3408, 19.7149, 14.3940



17.7026, 19.7149, 29.9106

Square

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



18.3408, 19.7149, 14.3940



16.0713, 19.7149, 22.6336



19.1417, 19.7149, 30.5421



21.6854, 19.7149, 20.3396

Rectangle

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



18.3408, 19.7149, 14.3940



16.4340, 19.7149, 17.4604



19.1417, 19.7149, 30.5421



21.2488, 19.7149, 26.0421

Sweetspot

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



18.3413, 19.7158, 14.3944



35.8973, 38.0558, 37.1369



15.9300, 14.4063, 15.0914



8.1056, 8.5967, 8.3309



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.



18.3413, 19.7158, 14.3944



31.9457, 34.4493, 22.5741



17.7591, 20.5540, 14.5869



4.5969, 4.8825, 4.6203



13.6610, 14.2185, 2.0244



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.9497, 14.0819, 22.7517



22.6131, 22.4785, 40.3394



14.4299, 13.4651, 22.6073



4.1710, 4.3360, 5.4304



4.2039, 2.2263, 20.4581



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.3408, 19.7149, 14.3940 looks on a white background.

Color Contrast Check

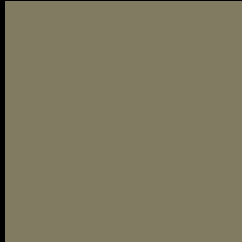
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3408, 19.7149, 14.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

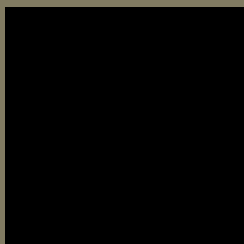
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

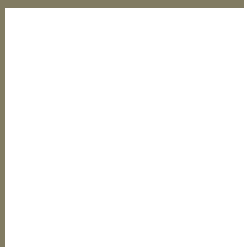
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.3408, 19.7149, 14.3940

Background



This preview shows how black text looks on a background with the XYZ color 18.3408, 19.7149, 14.3940.



This preview shows how white text looks on a background with the XYZ color 18.3408, 19.7149,

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

18.3408, 19.7149, 14.3940

Protanopia

18.4935, 19.7936, 14.4011

Deuteranopia

20.0583, 19.6974, 14.5492



Tritanopia

20.1660, 19.7387, 23.1692

Trichromacy



Original Color

18.3408, 19.7149, 14.3940

Protanomaly

18.4935, 19.7936, 14.4011

Deuteranomaly

19.4498, 19.7371, 14.5889

Tritanomaly

19.4431, 19.6228, 19.5924

Monochromacy



Original Color

18.3408, 19.7149, 14.3940

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3976, 19.4713, 18.4115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3408, 19.7149, 14.3940 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(129, 123, 98)` looks like.

```
.text, #text, p{  
    color:rgb(129, 123, 98)  
}
```

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(129, 123, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 123, 98) }
```

Border

The CSS property to change the border of an element to XYZ 18.3408, 19.7149, 14.3940 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(129, 123, 98) }
```


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

```
.border{ border-color:rgb(129, 123, 98) }
```

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

Here you see how a box with a 4 pixel rgb(129, 123, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 123, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 123, 98);  
box-shadow:4px 4px 4px 4px rgb(129, 123,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3408, 19.7149, 14.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 123, 98) }
```

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

```
.background{ background-color: rgb(129,  
123, 98) }
```

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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