

Converting Colors

XYZ(18.1936, 19.3438, 17.5141)

Have a look what the booklet for
XYZ(18.1936, 19.3438, 17.5141)
contains.

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Color

**XYZ(18.2315, 19.4048,
17.5365)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7A6E
RGB	125, 122, 110
RGB Percent	49%, 48%, 43%
CMY	0.5098, 0.5216, 0.5686
CMYK	0.00, 0.02, 0.12, 0.51
HSL	48°, 6%, 46%
HSV	48°, 12%, 49%
XYZ	18.2315, 19.4048, 17.5365
YIQ	121.5290, 5.6400, -3.0960

Conversions

Conversions Part 2

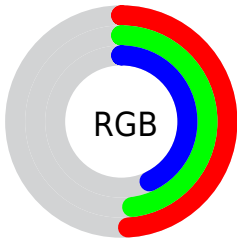
Format	Color
RYB	114, 125, 110
Decimal	8223342
CIELab	51.16, -1.11, 6.97
CIELCh	51, 7.062, 99.079
Yxy	19.4048, 0.3304, 0.3517
Android (android.graphics.Color)	4286413422 (0xFF7D7A6E)
YUV	121.5290, -5.6838, 3.0441
Hunter-Lab	44.0509, -3.2126, 7.2325

Details

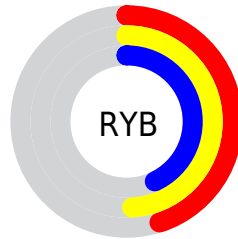
The XYZ color **18.2315, 19.4048, 17.5365** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0373, 16.6059, 21.7624**, and the grayscale version is **18.3623, 19.3186, 21.0380**.

A 20% lighter version of the original color is **40.0177, 42.3457, 40.2468**, and **6.2325, 6.6494, 5.5124** is the 20% darker color. If you saturate the color by 10%, you get **17.2957, 18.5465, 14.1004**, and if you desaturate by 10%, it is **19.2722, 20.3190, 21.4818**.

Distribution



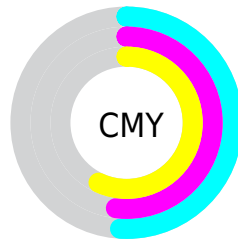
- Red (49%)
- Green (48%)
- Blue (43%)



- Red (45%)
- Yellow (49%)
- Blue (43%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2315, 19.4048, 17.5365 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 18.2315, 19.4048, 17.5365 by changing the saturation by 10% instead.

■ 18.2315, 19.4048,
17.5365

■ 18.2315, 19.4048,
17.5365

235.1931,
248.6745, 250.3932

■ 11.2170, 11.9631,
10.4517

■ 39.9584, 42.4170,
40.0491

■ 6.2814, 6.7186,
5.5900

■ 55.4015, 58.7563,
56.3141

■ 3.0592, 3.2867,
2.5327

■ 74.3849, 78.8304,
76.4762

■ 1.1851, 1.2832,
0.8574

■ 97.2739, 103.0234,
100.9541

■ 0.0946, 0.1281,
0.0000

124.4339,
131.7200, 130.1661

■ 0.0000, 0.0000,
0.0000

156.2301,

165.3044, 164.5310

193.0281,
204.1611, 204.4671

■ 18.2315, 19.4048,
17.5365

■ 18.2315, 19.4048,
17.5365

■ 17.2957, 18.5465,
14.1004

■ 19.2722, 20.3190,
21.4818

■ 16.4593, 17.7399,
11.1512

■ 20.4202, 21.2881,
25.9549

■ 15.7184, 16.9839,
8.6667

■ 21.6796, 22.3145,
30.9750

■ 15.0684, 16.2766,
6.6226

■ 23.0537, 23.3998,
36.5600

■ 14.5041, 15.6159,
4.9923

■ 24.5460, 24.5454,
42.7268

■ 14.0199, 14.9993,
3.7464

■ 26.1595, 25.7524,
49.4919

■ 13.6095, 14.4243,
2.8515

■ 27.8973, 27.0224,
56.8708

■ 13.2653, 13.8877,
2.2686

■ 29.7623, 28.3565,
64.8788

■ 13.0163, 13.4775,
1.9154

■ 31.7573, 29.7560,
73.5303

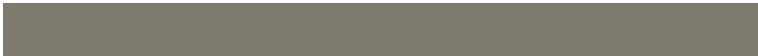
Harmonies

Analogous

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



18.9299, 19.4048, 17.7194



18.2315, 19.4048, 17.5365



17.6058, 19.4048, 18.2675

Triad

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



18.2315, 19.4048, 17.5365



17.4156, 19.4048, 23.6604



19.7334, 19.4048, 22.5392

Complementary

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



18.2315, 19.4048, 17.5365



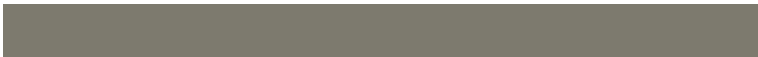
16.0373, 16.6059, 21.7624

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.



19.3077, 19.4048, 24.2737



18.2315, 19.4048, 17.5365



17.9659, 19.4048, 24.9490

Square

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



18.2315, 19.4048, 17.5365



17.1426, 19.4048, 21.7444



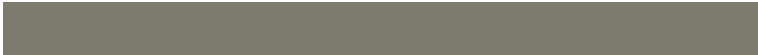
18.6575, 19.4048, 25.1803



19.8089, 19.4048, 20.5244

Rectangle

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



18.2315, 19.4048, 17.5365



17.3098, 19.4048, 19.2037



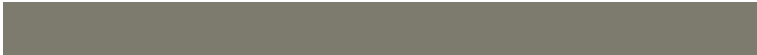
18.6575, 19.4048, 25.1803



19.6261, 19.4048, 23.1778

Sweetspot

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



18.2320, 19.4057, 17.5369



34.1050, 36.0345, 36.9095



17.0144, 16.7044, 17.9506



7.7294, 8.1720, 8.2878



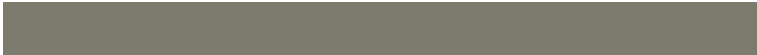
60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.2320, 19.4057, 17.5369



32.2400, 34.3818, 29.8844



17.9637, 19.8223, 17.6315



4.5947, 4.8780, 4.6195



13.5800, 14.0564, 1.9974



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.0373, 16.6059, 21.7624



27.6164, 28.4836, 38.7867



16.2826, 16.2439, 21.6796



4.1731, 4.3402, 5.4311



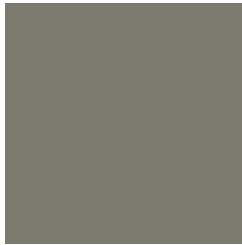
4.2215, 2.2615, 20.4640



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.2315, 19.4048, 17.5365 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 18.2315, 19.4048, 17.5365 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

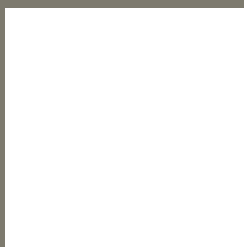
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2315, 19.4048, 17.5365

Background



This preview shows how black text looks on a background with the XYZ color 18.2315, 19.4048, 17.5365.

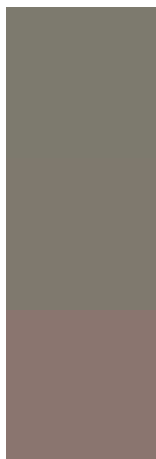


This preview shows how white text looks on a background with the XYZ color 18.2315, 19.4048,

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

18.2315, 19.4048, 17.5365

Protanopia

18.4042, 19.3126, 17.5095

Deuteranopia

19.7118, 19.2736, 17.7202



Tritanopia

19.4614, 19.3678, 23.4815

Trichromacy



Original Color

18.2315, 19.4048, 17.5365

Protanomaly

18.2560, 19.2362, 17.5026

Deuteranomaly

19.1389, 19.3279, 17.7609

Tritanomaly

18.9817, 19.3501, 21.1469

Monochromacy



Original Color

18.2315, 19.4048, 17.5365

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3979, 19.4380, 19.9218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2315, 19.4048, 17.5365 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(125, 122, 110)` looks like.

```
.text, #text, p{  
    color:rgb(125, 122, 110)  
}
```

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(125, 122, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 122, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.2315, 19.4048, 17.5365 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(125, 122, 110) }
```


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

```
.border{ border-color:rgb(125, 122, 110) }
```

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

Here you see how a box with a 4 pixel rgb(125, 122, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 122, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 122, 110);  
box-shadow:4px 4px 4px 4px rgb(125, 122,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2315, 19.4048, 17.5365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 122, 110) }
```

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

```
.background{ background-color: rgb(125,  
122, 110) }
```

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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