

Converting Colors

XYZ(19.5907, 21.2459, 7.0904)

Have a look what the booklet for
XYZ(19.5907, 21.2459, 7.0904)
contains.

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Color

**XYZ(19.6808, 21.3239,
7.0816)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7F3A
RGB	143, 127, 58
RGB Percent	56%, 50%, 23%
CMY	0.4392, 0.5019, 0.7725
CMYK	0.00, 0.11, 0.59, 0.44
HSL	49°, 42%, 39%
HSV	49°, 59%, 56%
XYZ	19.6808, 21.3239, 7.0816
YIQ	123.9180, 31.6850, -18.0670

Conversions

Conversions Part 2

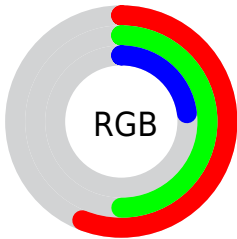
Format	Color
R_{YB}	78, 143, 58
Decimal	9404218
CIE Lab	53.30, -2.91, 39.06
CIE LCh	53, 39.164, 94.264
Yxy	21.3239, 0.4093, 0.4435
Android (android.graphics.Color)	4287594298 (0xFF8F7F3A)
YUV	123.9180, -32.4976, 16.7349
Hunter-Lab	46.1778, -4.7352, 23.2320

Details

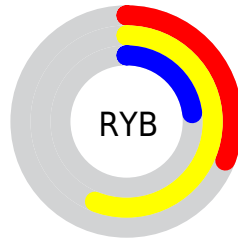
The XYZ color **19.6808, 21.3239, 7.0816** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.1515, 7.7800, 27.0058**, and the grayscale version is **19.2288, 20.2302, 22.0307**.

A 20% lighter version of the original color is **42.5812, 45.8673, 20.7964**, and **6.9792, 7.6378, 1.3074** is the 20% darker color. If you saturate the color by 10%, you get **19.0236, 20.5131, 5.3104**, and if you desaturate by 10%, it is **20.4494, 22.1957, 9.3890**.

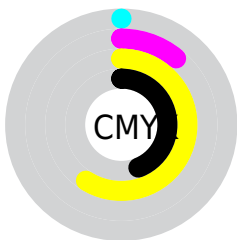
Distribution



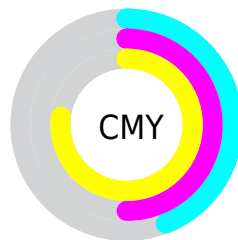
- Red (56%)
- Green (50%)
- Blue (23%)



- Red (31%)
- Yellow (56%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (59%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6808, 21.3239, 7.0816 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 19.6808, 21.3239, 7.0816 by changing the saturation by 10% instead.

■ 19.6808, 21.3239,
7.0816

■ 19.6808, 21.3239,
7.0816

243.0485,
258.9949, 177.9966

■ 12.2701, 13.3610,
3.4340

■ 42.3894, 45.6260,
20.6528

■ 7.0014, 7.6776,
1.3203

■ 58.4181, 62.7339,
31.4135

■ 3.5093, 3.8893,
0.0783

■ 78.0501, 83.6590,
45.3823

■ 1.4285, 1.6119,
0.0000

■ 101.6509,
108.7855, 62.9777

■ 0.2764, 0.3656,
0.0000

■ 129.5858,
138.4980, 84.6183

■ 0.0000, 0.0000,
0.0000

■ 162.2201,

173.1808, 110.7227

199.9192,
213.2183, 141.7092

■ 19.6808, 21.3239,
7.0816

■ 19.6808, 21.3239,
7.0816

■ 19.0236, 20.5131,
5.3104

■ 20.4494, 22.1957,
9.3890

■ 18.4676, 19.7567,
4.0287

■ 21.3355, 23.1287,
12.2715

■ 18.0032, 19.0516,
3.1842

■ 22.3466, 24.1268,
15.7658

■ 17.6051, 18.3875,
2.6443

■ 23.4891, 25.1926,
19.9052

■ 17.5833, 18.3509,
2.6153

■ 24.7689, 26.3287,
24.7206

■ 26.1916, 27.5374,
30.2409

■ 27.7625, 28.8207,
36.4934

■ 29.4864, 30.1810,
43.5037

■ 31.3680, 31.6201,
51.2964

Harmonies

Analogous

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



23.9302, 21.3239, 8.1267



19.6808, 21.3239, 7.0816



16.1027, 21.3239, 8.9993

Triad

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



19.6808, 21.3239, 7.0816



14.3675, 21.3239, 38.5898



28.3303, 21.3239, 34.6099

Complementary

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



19.6808, 21.3239, 7.0816



9.1515, 7.7800, 27.0058

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.



25.0954, 21.3239, 47.6596



19.6808, 21.3239, 7.0816



16.9994, 21.3239, 50.4541

Square

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



19.6808, 21.3239, 7.0816



13.3120, 21.3239, 24.9572



20.8662, 21.3239, 54.2385



29.3022, 21.3239, 21.5617

Rectangle

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



19.6808, 21.3239, 7.0816



14.4611, 21.3239, 12.2735



20.8662, 21.3239, 54.2385



27.4517, 21.3239, 39.2682

Sweetspot

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



19.6813, 21.3249, 7.0820



42.2963, 45.3257, 36.5021



14.1108, 9.3739, 7.7225



9.5681, 10.2746, 7.8858



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.6813, 21.3249, 7.0820



33.7451, 36.3110, 8.7182



17.9897, 23.7670, 7.6426



5.7545, 6.1153, 5.7664



15.5612, 16.2541, 2.3172



0.1632, 0.1842, 0.0270

Inverse Universe

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



9.1515, 7.7800, 27.0058



13.1849, 9.9066, 47.7553



10.0827, 6.8713, 26.7814



5.2067, 5.4091, 6.7984



4.7407, 2.4675, 23.2035



0.0575, 0.0480, 0.2259

Previews

White Background



This preview shows how the XYZ color 19.6808, 21.3239, 7.0816 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 19.6808, 21.3239, 7.0816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

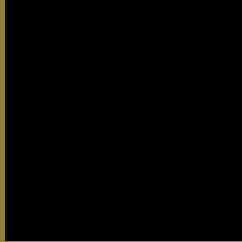
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6808, 21.3239, 7.0816

Background



This preview shows how black text looks on a background with the XYZ color 19.6808, 21.3239, 7.0816.



This preview shows how white text looks on a background with the XYZ color 19.6808, 21.3239,

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

19.6808, 21.3239, 7.0816

Protanopia

19.4674, 21.4066, 7.1088

Deuteranopia

21.5576, 21.1691, 7.2248



Tritanopia

22.9537, 21.1682, 23.6450

Trichromacy



Original Color

19.6808, 21.3239, 7.0816

Protanomaly

19.6382, 21.4946, 7.1168

Deuteranomaly

20.8213, 21.1571, 7.1240

Tritanomaly

21.4403, 21.1014, 15.7749

Monochromacy



Original Color

19.6808, 21.3239, 7.0816

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9939, 20.4126, 14.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6808, 21.3239, 7.0816 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(143, 127, 58)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 58)  
}
```

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(143, 127, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 58) }
```

Border

The CSS property to change the border of an element to XYZ 19.6808, 21.3239, 7.0816 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(143, 127, 58) }
```


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

```
.border{ border-color:rgb(143, 127, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 127, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 127, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 127, 58);  
box-shadow:4px 4px 4px 4px rgb(143, 127,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6808, 21.3239, 7.0816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 58) }
```

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

```
.background{ background-color: rgb(143,  
127, 58) }
```

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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