

Converting Colors

XYZ(19.7359, 21.8240, 21.2614)

Have a look what the booklet for
XYZ(19.7359, 21.8240, 21.2614)
contains.

XYZ(19.7359, 21.8240, 21.2614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(19.7359, 21.8240,
21.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8379
RGB	123, 131, 121
RGB Percent	48%, 51%, 47%
CMY	0.5176, 0.4863, 0.5255
CMYK	0.06, 0.00, 0.08, 0.49
HSL	108°, 4%, 49%
HSV	108°, 8%, 51%
XYZ	19.7359, 21.8240, 21.2614
YIQ	127.4680, -1.5580, -4.8060

Conversions

Conversions Part 2

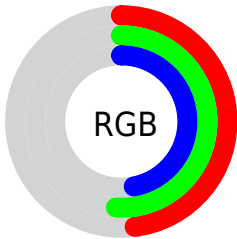
Format	Color
R_{YB}	121, 131, 129
Decimal	8094585
CIE _{Lab}	53.84, -4.95, 4.38
CIE _{LCh}	54, 6.614, 138.499
Yxy	21.8240, 0.3142, 0.3474
Android (android.graphics.Color)	4286284665 (0xFF7B8379)
YUV	127.4680, -3.1887, -3.9184
Hunter-Lab	46.7162, -6.3435, 5.7173

Details

The XYZ color **19.7359, 21.8240, 21.2614** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9881, 19.9811, 24.2770**, and the grayscale version is **20.3454, 21.4049, 23.3100**.

A 20% lighter version of the original color is **42.3625, 46.4121, 46.2608**, and **7.0439, 7.9715, 7.4707** is the 20% darker color. If you saturate the color by 10%, you get **17.5668, 20.7930, 17.2472**, and if you desaturate by 10%, it is **22.1759, 22.9833, 25.8587**.

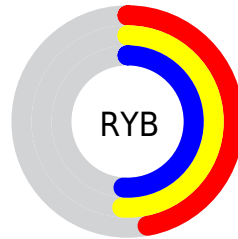
Distribution



Red (48%)

Green (51%)

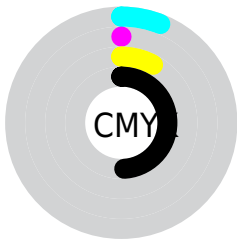
Blue (47%)



Red (47%)

Yellow (51%)

Blue (51%)

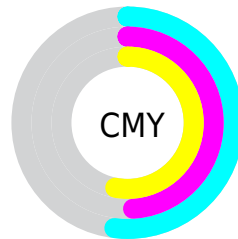


Cyan (6%)

Magenta (0%)

Yellow (8%)

Black (49%)



Cyan (52%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7359, 21.8240, 21.2614 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 19.7359, 21.8240, 21.2614 by changing the saturation by 10% instead.

■ 19.7359, 21.8240,
21.2614

■ 19.7359, 21.8240,
21.2614

243.3427,
261.6258, 271.4910

■ 12.3104, 13.7276,
13.1221

■ 42.4813, 46.4549,
46.4086

■ 7.0291, 7.9315,
7.3810

■ 58.5318, 63.7583,
64.2536

■ 3.5268, 4.0511,
3.6194

■ 78.1881, 84.8994,
86.1709

■ 1.4381, 1.7022,
1.4190

101.8155,
110.2628, 112.5790

■ 0.2831, 0.4251,
0.1565

129.7792,
140.2327, 143.8966

■ 0.0000, 0.0000,
0.0000

162.4448,

175.1935, 180.5421

200.1775,
215.5298, 222.9340

■ 19.7359, 21.8240,
21.2614

■ 19.7359, 21.8240,
21.2614

■ 17.5668, 20.7930,
17.2472

■ 22.1759, 22.9833,
25.8587

■ 15.6573, 19.8831,
13.7916

■ 24.8939, 24.2722,
31.0597

■ 13.9981, 19.0908,
10.8700

■ 27.8991, 25.6955,
36.8856

■ 12.5787, 18.4110,
8.4560

■ 31.1995, 27.2572,
43.3563

■ 11.3876, 17.8385,
6.5205

■ 34.8029, 28.9606,
50.4906

■ 10.4125, 17.3678,
5.0317

■ 38.7170, 30.8095,
58.3067

■ 9.6398, 16.9925,
3.9537

■ 42.9490, 32.8070,
66.8221

■ 9.0544, 16.7058,
3.2454

■ 47.5058, 34.9565,
76.0535

■ 8.6313, 16.4967,
2.8182

■ 52.3943, 37.2612,
86.0174

Harmonies

Analogous

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



20.3123, 21.8240, 20.2396



19.7359, 21.8240, 21.2614



19.4320, 21.8240, 22.9904

Triad

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



19.7359, 21.8240, 21.2614



20.4717, 21.8240, 27.8096



22.0668, 21.8240, 22.5419

Complementary

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



19.7359, 21.8240, 21.2614



19.9881, 19.9811, 24.2770

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.



22.1118, 21.8240, 24.5519



19.7359, 21.8240, 21.2614



21.1799, 21.8240, 27.6725

Square

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



19.7359, 21.8240, 21.2614



19.8503, 21.8240, 26.8173



21.7839, 21.8240, 26.4527



21.6622, 21.8240, 20.9492

Rectangle

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



19.7359, 21.8240, 21.2614



19.4201, 21.8240, 24.3460



21.7839, 21.8240, 26.4527



22.1248, 21.8240, 23.1887

Sweetspot

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



19.7365, 21.8249, 21.2619



37.7230, 40.2129, 42.5431



20.6624, 21.9072, 21.2290



8.7971, 9.3692, 9.9320



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.7365, 21.8249, 21.2619



34.6996, 38.7765, 36.8750



19.6402, 21.7537, 22.2330



4.6969, 5.2463, 4.9945



8.4155, 16.1983, 2.6830



0.0341, 0.0586, 0.0095

Inverse Universe

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



19.9881, 19.9811, 24.2770



35.2372, 34.8353, 43.3198



20.0945, 20.0591, 23.2356



4.7691, 4.7171, 5.8599



9.7463, 4.5586, 21.5029



0.0395, 0.0188, 0.0748

Previews

White Background



This preview shows how the XYZ color 19.7359, 21.8240, 21.2614 looks on a white background.

Color Contrast Check

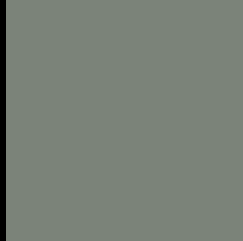
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7359, 21.8240, 21.2614 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 19.7359, 21.8240, 21.2614

Background



This preview shows how black text looks on a background with the XYZ color 19.7359, 21.8240, 21.2614.



This preview shows how white text looks on a background with the XYZ color 19.7359, 21.8240,

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

19.7359, 21.8240, 21.2614

Protanopia

20.7218, 21.7568, 20.5601

Deuteranopia

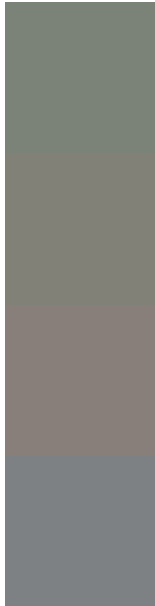
22.0482, 21.6601, 21.4311



Tritanopia

20.9836, 21.7380, 27.5160

Trichromacy



Original Color

19.7359, 21.8240, 21.2614

Protanomaly

20.2937, 21.7237, 20.8928

Deuteranomaly

21.2556, 21.8181, 21.5034

Tritanomaly

20.4726, 21.7264, 24.9444

Monochromacy



Original Color

19.7359, 21.8240, 21.2614

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0250, 21.3546, 22.4685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7359, 21.8240, 21.2614 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(123, 131, 121)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 121)  
}
```

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(123, 131, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.7359, 21.8240, 21.2614 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(123, 131, 121) }
```


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

```
.border{ border-color:rgb(123, 131, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 121);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7359, 21.8240, 21.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 121) }
```

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

```
.background{ background-color: rgb(123,  
131, 121) }
```

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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