

Converting Colors

XYZ(21.0755, 23.8757, 21.6322)

Have a look what the booklet for
XYZ(21.0755, 23.8757, 21.6322)
contains.

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Color

**XYZ(21.1439, 23.9931,
21.6059)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8A79
RGB	126, 138, 121
RGB Percent	49%, 54%, 47%
CMY	0.5059, 0.4588, 0.5255
CMYK	0.09, 0.00, 0.12, 0.46
HSL	102°, 7%, 51%
HSV	102°, 12%, 54%
XYZ	21.1439, 23.9931, 21.6059
YIQ	132.4740, -1.6950, -7.8310

Conversions

Conversions Part 2

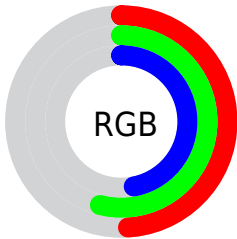
Format	Color
R_{YB}	121, 138, 133
Decimal	8292985
CIE Lab	56.08, -7.73, 7.62
CIE LCh	56, 10.859, 135.411
Yxy	23.9931, 0.3168, 0.3595
Android (android.graphics.Color)	4286483065 (0xFF7E8A79)
YUV	132.4740, -5.6567, -5.6777
Hunter-Lab	48.9828, -8.6685, 8.1356

Details

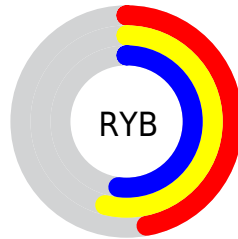
The XYZ color **21.1439, 23.9931, 21.6059** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.0986, 20.4969, 26.8903**, and the grayscale version is **22.1242, 23.2764, 25.3480**.

A 20% lighter version of the original color is **44.7640, 49.8624, 46.8003**, and **7.7200, 9.0251, 7.4660** is the 20% darker color. If you saturate the color by 10%, you get **18.9903, 22.9745, 17.3990**, and if you desaturate by 10%, it is **23.5598, 25.1344, 26.4581**.

Distribution



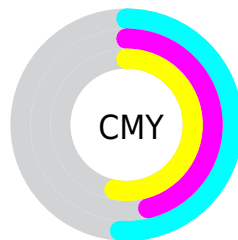
- Red (49%)
- Green (54%)
- Blue (47%)



- Red (47%)
- Yellow (54%)
- Blue (52%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (46%)



- Cyan (51%)
- Magenta (46%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1439, 23.9931, 21.6059 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 21.1439, 23.9931, 21.6059 by changing the saturation by 10% instead.

■ 21.1439, 23.9931,
21.6059

■ 21.1439, 23.9931,
21.6059

250.7595,
272.7856, 273.3673

■ 13.3423, 15.3285,
13.3721

■ 44.8164, 50.0189,
46.9876

■ 7.7433, 9.0503,
7.5515

■ 61.4179, 68.1490,
64.9725

■ 3.9815, 4.7740,
3.7257

■ 81.6836, 90.2029,
87.0449

■ 1.6917, 2.1153,
1.4761

105.9785,
116.5652, 113.6232

■ 0.4511, 0.6732,
0.2000

134.6683,
147.6203, 145.1261

■ 0.0000, 0.0000,
0.0000

168.1181,

183.7524, 181.9720

206.6934,
225.3460, 224.5796

■ 21.1439, 23.9931,
21.6059

■ 21.1439, 23.9931,
21.6059

■ 18.9903, 22.9745,
17.3990

■ 23.5598, 25.1344,
26.4581

■ 17.0880, 22.0713,
13.8087

■ 26.2448, 26.3991,
31.9797

■ 15.4280, 21.2803,
10.8065

■ 29.2076, 27.7920,
38.1951

■ 14.0000, 20.5967,
8.3611

■ 32.4562, 29.3166,
45.1275

■ 12.7928, 20.0158,
6.4379

■ 35.9981, 30.9764,
52.7986

■ 11.7945, 19.5319,
4.9990

■ 39.8405, 32.7746,
61.2294

■ 10.9917, 19.1393,
4.0010

■ 43.9904, 34.7144,
70.4400

■ 10.3690, 18.8311,
3.3928

■ 48.4547, 36.7989,
80.4498

■ 9.9868, 18.6408,
3.0717

■ 53.2399, 39.0310,
91.2774

Harmonies

Analogous

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



22.1752, 23.9931, 20.0632



21.1439, 23.9931, 21.6059



20.5681, 23.9931, 24.4372

Triad

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



21.1439, 23.9931, 21.6059



22.2077, 23.9931, 33.3277



25.1884, 23.9931, 24.3465

Complementary

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



21.1439, 23.9931, 21.6059



21.0986, 20.4969, 26.8903

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.



25.1979, 23.9931, 27.8875



21.1439, 23.9931, 21.6059



23.4461, 23.9931, 33.2978

Square

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



21.1439, 23.9931, 21.6059



21.1670, 23.9931, 31.3110



24.5503, 23.9931, 31.2327



24.5248, 23.9931, 21.5447

Rectangle

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



21.1439, 23.9931, 21.6059



20.5061, 23.9931, 26.7755



24.5503, 23.9931, 31.2327



25.2690, 23.9931, 25.4839

Sweetspot

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



21.1446, 23.9941, 21.6064



40.7405, 43.9309, 45.0405



22.3073, 23.5325, 21.4560



9.0714, 9.8221, 9.9679



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.1446, 23.9941, 21.6064



36.0821, 41.7304, 35.7409



20.6378, 23.7084, 22.6907



5.1011, 5.6749, 5.3789



9.1693, 17.0969, 2.8168



0.0741, 0.1204, 0.0193

Inverse Universe

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



21.0986, 20.4969, 26.8903



35.9831, 34.2178, 47.0914



21.6646, 20.8167, 25.6516



5.0930, 5.0564, 6.3134



8.7819, 4.0414, 22.3629



0.0730, 0.0344, 0.1492

Previews

White Background



This preview shows how the XYZ color 21.1439, 23.9931, 21.6059 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 21.1439, 23.9931, 21.6059 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

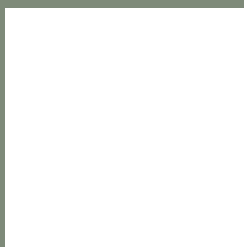
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1439, 23.9931, 21.6059

Background



This preview shows how black text looks on a background with the XYZ color 21.1439, 23.9931, 21.6059.



This preview shows how white text looks on a background with the XYZ color 21.1439, 23.9931,

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

21.1439, 23.9931, 21.6059

Protanopia

22.6701, 23.9576, 20.8822

Deuteranopia

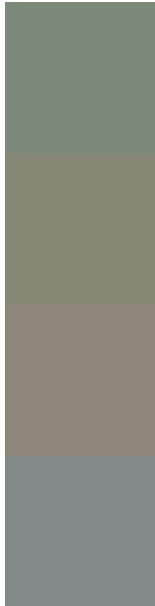
24.1879, 23.7099, 22.0405



Tritanopia

22.9807, 24.1181, 30.2321

Trichromacy



Original Color

21.1439, 23.9931, 21.6059

Protanomaly

22.0458, 23.8349, 21.2080

Deuteranomaly

22.9194, 23.6585, 21.7709

Tritanomaly

22.3014, 24.0530, 26.7598

Monochromacy



Original Color

21.1439, 23.9931, 21.6059

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6273, 23.3545, 23.7901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1439, 23.9931, 21.6059 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(126, 138, 121)` looks like.

```
.text, #text, p{  
    color:rgb(126, 138, 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(126, 138, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 138, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.1439, 23.9931, 21.6059 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(126, 138, 121) }
```


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

```
.border{ border-color:rgb(126, 138, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 138, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 138, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 138, 121);  
box-shadow:4px 4px 4px 4px rgb(126, 138,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1439, 23.9931, 21.6059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 138, 121) }
```

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

```
.background{ background-color: rgb(126,  
138, 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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