

Converting Colors

XYZ(20.9491, 23.5833, 23.8885)

Have a look what the booklet for
XYZ(20.9491, 23.5833, 23.8885)
contains.

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Color

**XYZ(21.0103, 23.6608,
23.8817)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8980
RGB	123, 137, 128
RGB Percent	48%, 54%, 50%
CMY	0.5176, 0.4627, 0.4980
CMYK	0.10, 0.00, 0.07, 0.46
HSL	141°, 6%, 51%
HSV	141°, 10%, 54%
XYZ	21.0103, 23.6608, 23.8817
YIQ	131.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

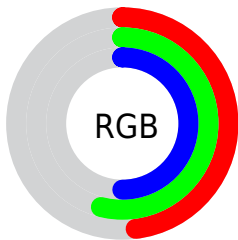
Format	Color
R_{YB}	123, 133, 137
Decimal	8096128
CIE Lab	55.75, -6.93, 3.09
CIE LCh	56, 7.588, 155.996
Yxy	23.6608, 0.3065, 0.3451
Android (android.graphics.Color)	4286286208 (0xFF7B8980)
YUV	131.7880, -1.8675, -7.7071
Hunter-Lab	48.6424, -8.0239, 4.9403

Details

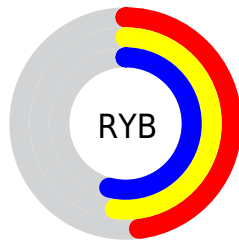
The XYZ color **21.0103, 23.6608, 23.8817** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5652, 21.1508, 24.7768**, and the grayscale version is **21.8642, 23.0029, 25.0501**.

A 20% lighter version of the original color is **44.6584, 49.3932, 50.8962**, and **7.6435, 8.8367, 8.6999** is the 20% darker color. If you saturate the color by 10%, you get **18.6312, 22.4991, 20.8744**, and if you desaturate by 10%, it is **23.7154, 24.9861, 27.1680**.

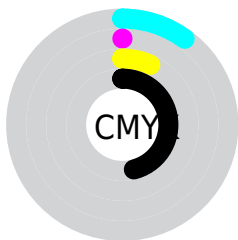
Distribution



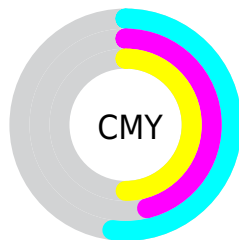
- Red (48%)
- Green (54%)
- Blue (50%)



- Red (48%)
- Yellow (52%)
- Blue (54%)



- Cyan (10%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0103, 23.6608, 23.8817 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 21.0103, 23.6608, 23.8817 by changing the saturation by 10% instead.

■ 21.0103, 23.6608,
23.8817

■ 21.0103, 23.6608,
23.8817

250.0639,
271.1011, 285.4891

■ 13.2440, 15.0822,
15.0345

■ 44.5958, 49.4761,
50.7785

■ 7.6750, 8.8771,
8.6967

■ 61.1458, 67.4816,
69.6652

■ 3.9377, 4.6611,
4.4498

■ 81.3544, 89.3982,
92.7354

■ 1.6670, 2.0498,
1.8752

105.5869,
115.6102, 120.4078

■ 0.4355, 0.6362,
0.4769

134.2088,
146.5021, 153.1008

■ 0.0000, 0.0000,
0.0000

167.5853,

182.4583, 191.2330

206.0819,
223.8632, 235.2229

■ 21.0103, 23.6608,
23.8817

■ 21.0103, 23.6608,
23.8817

■ 18.6312, 22.4991,
20.8744

■ 23.7154, 24.9861,
27.1680

■ 16.5635, 21.4916,
18.1373

■ 26.7563, 26.4779,
30.7387

■ 14.7944, 20.6325,
15.6634

■ 30.1452, 28.1429,
34.6010

■ 13.3095, 19.9146,
13.4448

■ 33.8926, 29.9865,
38.7614

■ 12.0931, 19.3299,
11.4732

■ 38.0089, 32.0140,
43.2263

■ 11.1278, 18.8696,
9.7399

■ 42.5039, 34.2302,
48.0016

■ 10.3943, 18.5240,
8.2355

■ 47.3871, 36.6400,
53.0933

■ 9.8700, 18.2817,
6.9501

■ 52.6678, 39.2479,
58.5072

■ 9.4989, 18.1134,
5.8929

■ 58.3546, 42.0584,
64.2488

Harmonies

Analogous

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



21.5299, 23.6608, 22.1141



21.0103, 23.6608, 23.8817



20.8824, 23.6608, 26.2610

Triad

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



21.0103, 23.6608, 23.8817



22.6622, 23.6608, 30.7710



23.8550, 23.6608, 23.0755

Complementary

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



21.0103, 23.6608, 23.8817



21.5652, 21.1508, 24.7768

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.



24.1757, 23.6608, 25.2705



21.0103, 23.6608, 23.8817



23.4759, 23.6608, 29.7918

Square

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



21.0103, 23.6608, 23.8817



21.8222, 23.6608, 30.3407



24.0353, 23.6608, 27.7397



23.1690, 23.6608, 21.6698

Rectangle

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



21.0103, 23.6608, 23.8817



21.0335, 23.6608, 27.8969



24.0353, 23.6608, 27.7397



24.0098, 23.6608, 23.7400

Sweetspot

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



21.0110, 23.6618, 23.8822



41.0292, 44.0383, 46.9247



22.0531, 24.2361, 22.2548



9.1200, 9.8371, 10.4252



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.



21.0110, 23.6618, 23.8822



36.7072, 41.9230, 41.6254



21.4809, 23.8498, 26.3572



5.0408, 5.6358, 5.7361



8.8531, 16.8738, 5.5170



0.0653, 0.1147, 0.0710

Inverse Universe

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



21.5652, 21.1508, 24.7768



37.8820, 36.5998, 43.5215



21.1083, 20.9680, 22.3706



5.1593, 5.0992, 5.9273



11.2594, 5.6139, 9.1363



0.0818, 0.0401, 0.0976

Previews

White Background



This preview shows how the XYZ color 21.0103, 23.6608, 23.8817 looks on a white background.

Color Contrast Check

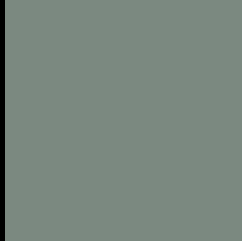
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0103, 23.6608, 23.8817 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

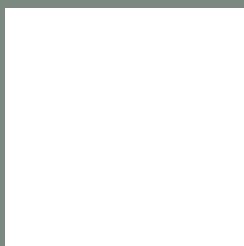
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0103, 23.6608, 23.8817

Background



This preview shows how black text looks on a background with the XYZ color 21.0103, 23.6608, 23.8817.



This preview shows how white text looks on a background with the XYZ color 21.0103, 23.6608,

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

21.0103, 23.6608, 23.8817

Protanopia

22.6347, 23.6847, 23.1173

Deuteranopia

24.0923, 23.6081, 24.4061



Tritanopia

22.2401, 23.5301, 30.1577

Trichromacy



Original Color

21.0103, 23.6608, 23.8817

Protanomaly

22.0287, 23.5690, 23.4669

Deuteranomaly

22.8612, 23.5765, 24.1147

Tritanomaly

21.7816, 23.5520, 27.8241

Monochromacy



Original Color

21.0103, 23.6608, 23.8817

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6751, 23.3560, 24.8385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0103, 23.6608, 23.8817 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, 137, 128) looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 128)  
}
```

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, 137, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 128) }
```

Border

The CSS property to change the border of an element to XYZ 21.0103, 23.6608, 23.8817 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, 137, 128) }
```


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

```
.border{ border-color:rgb(123, 137, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 128);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0103, 23.6608, 23.8817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 128) }
```

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

```
.background{ background-color: rgb(123,  
137, 128) }
```

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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