

Converting Colors

XYZ(21.4437, 20.1019, 21.4068)

Have a look what the booklet for
XYZ(21.4437, 20.1019, 21.4068)
contains.

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Color

**XYZ(21.4380, 20.0819,
21.4852)**

Conversions

Conversions Part 1

Format	Color
Hex	90757B
RGB	144, 117, 123
RGB Percent	56%, 46%, 48%
CMY	0.4353, 0.5412, 0.5176
CMYK	0.00, 0.19, 0.15, 0.44
HSL	347°, 11%, 51%
HSV	347°, 19%, 56%
XYZ	21.4380, 20.0819, 21.4852
YIQ	125.7570, 14.1660, 7.5900

Conversions

Conversions Part 2

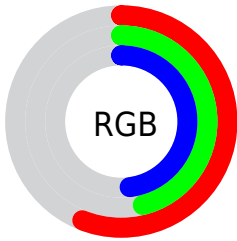
Format	Color
R_{YB}	144, 117, 123
Decimal	9467259
CIE _{Lab}	51.93, 11.56, 0.68
CIE _{LCh}	52, 11.578, 3.384
Yxy	20.0819, 0.3403, 0.3187
Android (android.graphics.Color)	4287657339 (0xFF90757B)
YUV	125.7570, -1.3592, 15.9991
Hunter-Lab	44.8128, 6.9701, 2.9428

Details

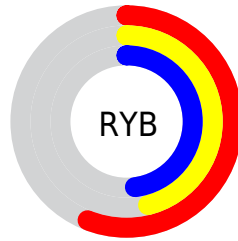
The XYZ color **21.4380, 20.0819, 21.4852** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8976, 25.5638, 27.8261**, and the grayscale version is **19.7502, 20.7788, 22.6281**.

A 20% lighter version of the original color is **45.2145, 43.4768, 46.5662**, and **7.8784, 7.0778, 7.4295** is the 20% darker color. If you saturate the color by 10%, you get **19.2261, 16.7165, 17.4842**, and if you desaturate by 10%, it is **23.9894, 23.9974, 25.9958**.

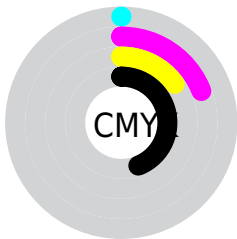
Distribution



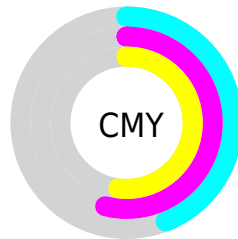
- Red (56%)
- Green (46%)
- Blue (48%)



- Red (56%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (19%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4380, 20.0819, 21.4852 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 21.4380, 20.0819, 21.4852 by changing the saturation by 10% instead.

■ 21.4380, 20.0819,
21.4852

■ 21.4380, 20.0819,
21.4852

252.2850,
252.3581, 272.7112

■ 13.5588, 12.4546,
13.2844

■ 45.3012, 43.5545,
46.7849

■ 7.8941, 7.0541,
7.4917

■ 62.0159, 60.1685,
64.7209

■ 4.0785, 3.4959,
3.6884

■ 82.4064, 80.5469,
86.7390

■ 1.7466, 1.3958,
1.4560

106.8383,
105.0740, 113.2579

■ 0.4852, 0.2136,
0.1848

135.6767,
134.1343, 144.6960

■ 0.0000, 0.0000,
0.0000

169.2870,

168.1122, 181.4719

208.0347,
207.3920, 224.0041

■ 21.4380, 20.0819,
21.4852

■ 21.4380, 20.0819,
21.4852

■ 19.2261, 16.7165,
17.4842

■ 23.9894, 23.9974,
25.9958

■ 17.3375, 13.8740,
13.9733

■ 26.8923, 28.4834,
31.0317

■ 15.7573, 11.5286,
10.9338

■ 30.1598, 33.5624,
36.6099

■ 14.4686, 9.6518,
8.3452

■ 33.8043, 39.2551,
42.7460

■ 13.4532, 8.2115,
6.1854

■ 37.8373, 45.5810,
49.4548

■ 12.6901, 7.1722,
4.4306

■ 42.2700, 52.5589,
56.7510

■ 12.1558, 6.4923,
3.0543

■ 47.1129, 60.2067,
64.6484

■ 11.8013, 6.0805,
2.0195

■ 52.3763, 68.5416,
73.1604

■ 11.7622, 6.0336,
1.9104

■ 58.0702, 77.5803,
82.3000

Harmonies

Analogous

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



21.1840, 20.0819, 24.9016



21.4380, 20.0819, 21.4852



21.0411, 20.0819, 18.4881

Triad

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



21.4380, 20.0819, 21.4852



17.8682, 20.0819, 16.8856



18.0907, 20.0819, 28.1909

Complementary

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



21.4380, 20.0819, 21.4852



21.8976, 25.5638, 27.8261

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.



17.2583, 20.0819, 25.6317



21.4380, 20.0819, 21.4852



17.1336, 20.0819, 19.0873

Square

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



21.4380, 20.0819, 21.4852



18.9539, 20.0819, 16.0101



16.9149, 20.0819, 22.2508



19.2212, 20.0819, 28.9991

Rectangle

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



21.4380, 20.0819, 21.4852



20.4699, 20.0819, 17.0628



16.9149, 20.0819, 22.2508



17.7683, 20.0819, 27.4948

Sweetspot

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



21.4386, 20.0828, 21.4856



43.5944, 44.3032, 48.0906



21.8276, 20.1148, 29.1178



9.9331, 10.0608, 10.9165



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.



21.4386, 20.0828, 21.4856



36.2990, 33.1119, 35.1788



21.9458, 21.6799, 19.8587



5.4549, 5.4425, 5.8935



10.2505, 5.2572, 1.7044



0.1051, 0.0531, 0.0535

Inverse Universe

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



21.4386, 20.0828, 21.4856



36.2990, 33.1119, 35.1788



21.2881, 23.6306, 29.8249



5.4549, 5.4425, 5.8935



10.2505, 5.2572, 1.7044



0.1051, 0.0531, 0.0535

Previews

White Background



This preview shows how the XYZ color 21.4380, 20.0819, 21.4852 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 21.4380, 20.0819, 21.4852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

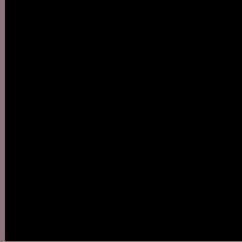
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4380, 20.0819, 21.4852

Background



This preview shows how black text looks on a background with the XYZ color 21.4380, 20.0819, 21.4852.



This preview shows how white text looks on a background with the XYZ color 21.4380, 20.0819,

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

21.4380, 20.0819, 21.4852

Protanopia

19.3712, 20.0582, 22.9293

Deuteranopia

20.3827, 20.0723, 21.2124



Tritanopia

21.6288, 20.1582, 22.4896

Trichromacy



Original Color

21.4380, 20.0819, 21.4852

Protanomaly

20.1190, 20.0866, 22.5554

Deuteranomaly

20.7571, 20.0878, 21.1957

Tritanomaly

21.5646, 20.1325, 22.1514

Monochromacy



Original Color

21.4380, 20.0819, 21.4852

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.4575, 20.6331, 22.3064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4380, 20.0819, 21.4852 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(144, 117, 123) looks like.

```
.text, #text, p{  
    color:rgb(144, 117, 123)  
}
```

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(144, 117, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 117, 123) }
```

Border

The CSS property to change the border of an element to XYZ 21.4380, 20.0819, 21.4852 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(144, 117, 123) }
```


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

```
.border{ border-color:rgb(144, 117, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 117, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 117, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 117, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 117,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4380, 20.0819, 21.4852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 117, 123) }
```

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

```
.background{ background-color: rgb(144,  
117, 123) }
```

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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