

Converting Colors

XYZ(21.9276, 19.5896, 18.8286)

Have a look what the booklet for
XYZ(21.9276, 19.5896, 18.8286)
contains.

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Color

**XYZ(21.8376, 19.5015,
18.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	987073
RGB	152, 112, 115
RGB Percent	60%, 44%, 45%
CMY	0.4039, 0.5608, 0.5490
CMYK	0.00, 0.26, 0.24, 0.40
HSL	356°, 16%, 52%
HSV	356°, 26%, 60%
XYZ	21.8376, 19.5015, 18.8329
YIQ	124.3020, 22.8770, 9.4130

Conversions

Conversions Part 2

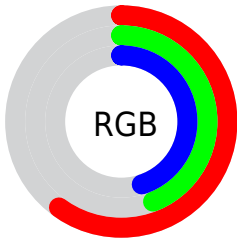
Format	Color
R_{YB}	152, 112, 115
Decimal	9990259
CIE _{Lab}	51.27, 16.29, 4.55
CIE _{LCh}	51, 16.909, 15.601
Yxy	19.5015, 0.3629, 0.3241
Android (android.graphics.Color)	4288180339 (0xFF987073)
YUV	124.3020, -4.5859, 24.2911
Hunter-Lab	44.1605, 10.9883, 5.6273

Details

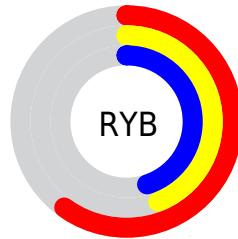
The XYZ color **21.8376, 19.5015, 18.8329** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3359, 28.0717, 32.6235**, and the grayscale version is **19.2688, 20.2723, 22.0765**.

A 20% lighter version of the original color is **45.9826, 42.6063, 42.3595**, and **8.1020, 6.7814, 6.1921** is the 20% darker color. If you saturate the color by 10%, you get **19.5516, 16.1270, 14.3789**, and if you desaturate by 10%, it is **24.5313, 23.4935, 24.0322**.

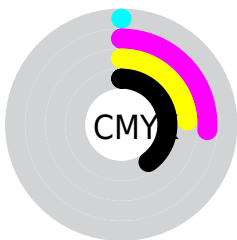
Distribution



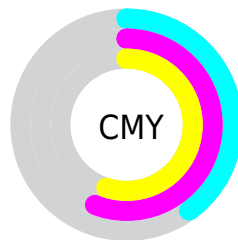
- Red (60%)
- Green (44%)
- Blue (45%)



- Red (60%)
- Yellow (44%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8376, 19.5015, 18.8329 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 21.8376, 19.5015, 18.8329 by changing the saturation by 10% instead.

■ 21.8376, 19.5015,
18.8329

■ 21.8376, 19.5015,
18.8329

254.3453,
249.2035, 257.9166

■ 13.8536, 12.0332,
11.3740

■ 45.9583, 42.5798,
42.2845

■ 8.0999, 6.7663,
6.2017

■ 62.8256, 58.9586,
59.1142

■ 4.2113, 3.3164,
2.8973

■ 83.3848, 79.0764,
79.9047

■ 1.8223, 1.2991,
1.0424

■ 108.0012,
103.3175, 105.0744

■ 0.5311, 0.1405,
0.0000

137.0400,
132.0664, 135.0420

■ 0.0000, 0.0000,
0.0000

170.8668,

165.7074, 170.2258

209.8468,
204.6250, 211.0445

■ 21.8376, 19.5015,
18.8329

■ 21.8376, 19.5015,
18.8329

■ 19.5516, 16.1270,
14.3789

■ 24.5313, 23.4935,
24.0322

■ 17.6518, 13.3365,
10.6348

■ 27.6494, 28.1287,
30.0075

■ 16.1174, 11.0978,
7.5644

■ 31.2099, 33.4348,
36.7893

■ 14.9249, 9.3742,
5.1275

■ 35.2290, 39.4370,
44.4058

■ 14.0478, 8.1245,
3.2799

■ 39.7223, 46.1592,
52.8843

■ 13.4561, 7.3016,
1.9714

■ 44.7046, 53.6243,
62.2506

■ 13.1077, 6.8362,
1.1417

■ 50.1899, 61.8539,
72.5294

■ 13.0117, 6.7005,
0.9362

■ 56.1919, 70.8689,
83.7445

■ 62.7236, 80.6895,
95.9188

Harmonies

Analogous

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



21.8572, 19.5015, 23.6281



21.8376, 19.5015, 18.8329



20.8982, 19.5015, 15.2656

Triad

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



21.8376, 19.5015, 18.8329



16.3139, 19.5015, 15.3763



17.7408, 19.5015, 31.5591

Complementary

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



21.8376, 19.5015, 18.8329



23.3359, 28.0717, 32.6235

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.



16.3581, 19.5015, 28.5844



21.8376, 19.5015, 18.8329



15.5688, 19.5015, 19.0070

Square

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



21.8376, 19.5015, 18.8329



17.6771, 19.5015, 13.4862



15.5844, 19.5015, 23.8306



19.4214, 19.5015, 31.4935

Rectangle

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



21.8376, 19.5015, 18.8329



19.9077, 19.5015, 13.8494



15.5844, 19.5015, 23.8306



17.2280, 19.5015, 30.8640

Sweetspot

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



21.8381, 19.5024, 18.8333



47.7321, 48.0550, 50.9179



23.7959, 20.2145, 32.3536



10.6656, 10.6496, 11.2223



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



21.8381, 19.5024, 18.8333



35.9186, 30.5416, 28.1329



23.6806, 23.4588, 18.6102



6.2266, 6.2298, 6.5737



10.9150, 5.6202, 0.8115



0.1676, 0.0858, 0.0352

Inverse Universe

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



21.8381, 19.5024, 18.8333



35.9186, 30.5416, 28.1329



21.0609, 23.1336, 33.0612



6.2266, 6.2298, 6.5737



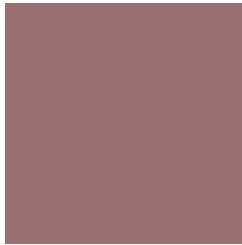
10.9150, 5.6202, 0.8115



0.1676, 0.0858, 0.0352

Previews

White Background



This preview shows how the XYZ color 21.8376, 19.5015, 18.8329 looks on a white background.

Color Contrast Check

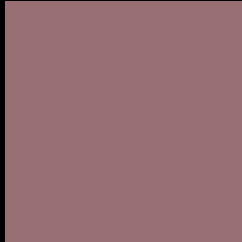
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.8376, 19.5015, 18.8329 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 21.8376, 19.5015, 18.8329

Background



This preview shows how black text looks on a background with the XYZ color 21.8376, 19.5015, 18.8329.



This preview shows how white text looks on a background with the XYZ color 21.8376, 19.5015,

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

21.8376, 19.5015, 18.8329

Protanopia

18.8071, 19.6351, 20.5680

Deuteranopia

19.8322, 19.4901, 18.6363



Tritanopia

22.2115, 19.4972, 20.3620

Trichromacy



Original Color

21.8376, 19.5015, 18.8329

Protanomaly

19.7401, 19.4158, 19.8467

Deuteranomaly

20.4380, 19.4565, 18.5979

Tritanomaly

22.0913, 19.4492, 19.7293

Monochromacy



Original Color

21.8376, 19.5015, 18.8329

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9992, 19.8818, 20.8727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8376, 19.5015, 18.8329 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(152, 112, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 112, 115)  
}
```

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(152, 112, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 112, 115) }
```

Border

The CSS property to change the border of an element to XYZ 21.8376, 19.5015, 18.8329 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(152, 112, 115) }
```


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

```
.border{ border-color:rgb(152, 112, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 112, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 112, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 112, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 112,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8376, 19.5015, 18.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 112, 115) }
```

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

```
.background{ background-color: rgb(152,  
112, 115) }
```

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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