

Converting Colors

XYZ(21.4729, 19.8469, 18.9791)

Have a look what the booklet for
XYZ(21.4729, 19.8469, 18.9791)
contains.

XYZ(21.4380, 19.7952, 18.9106)	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(21.4380, 19.7952,
18.9106)**

Conversions

Conversions Part 1

Format	Color
Hex	947373
RGB	148, 115, 115
RGB Percent	58%, 45%, 45%
CMY	0.4196, 0.5490, 0.5490
CMYK	0.00, 0.22, 0.22, 0.42
HSL	0°, 13%, 52%
HSV	0°, 22%, 58%
XYZ	21.4380, 19.7952, 18.9106
YIQ	124.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

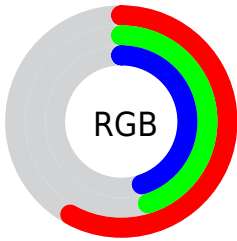
Format	Color
RYB	148, 115, 115
Decimal	9728883
CIELab	51.60, 12.96, 4.97
CIELCh	52, 13.880, 20.998
Yxy	19.7952, 0.3564, 0.3291
Android (android.graphics.Color)	4287918963 (0xFF947373)
YUV	124.8670, -4.8644, 20.2876
Hunter-Lab	44.4918, 8.1481, 5.9439

Details

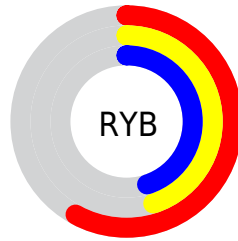
The XYZ color **21.4380, 19.7952, 18.9106** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0051, 26.9620, 32.0088**, and the grayscale version is **19.4599, 20.4734, 22.2955**.

A 20% lighter version of the original color is **45.4224, 43.1240, 42.4890**, and **7.9500, 6.9609, 6.2348** is the 20% darker color. If you saturate the color by 10%, you get **19.0997, 16.3737, 14.2614**, and if you desaturate by 10%, it is **24.1851, 23.8151, 24.3712**.

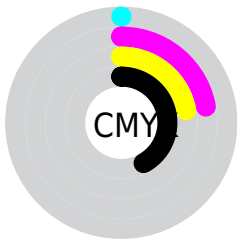
Distribution



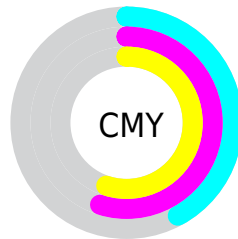
- Red (58%)
- Green (45%)
- Blue (45%)



- Red (58%)
- Yellow (45%)
- Blue (45%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4380, 19.7952, 18.9106 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, 19.7952, 18.9106 by changing the saturation by 10% instead.

■ 21.4380, 19.7952,
18.9106

■ 21.4380, 19.7952,
18.9106

252.2850,
250.8043, 258.3610

■ 13.5588, 12.2463,
11.4295

■ 45.3012, 43.0736,
42.4177

■ 7.8941, 6.9116,
6.2387

■ 62.0159, 59.5718,
59.2807

■ 4.0785, 3.4069,
2.9197

■ 82.4064, 79.8218,
80.1083

■ 1.7466, 1.3477,
1.0538

■ 106.8383,
104.2082, 105.3187

■ 0.4852, 0.1777,
0.0000

135.6767,
133.1152, 135.3307

■ 0.0000, 0.0000,
0.0000

169.2870,

166.9273, 170.5627

208.0347,
206.0289, 211.4333

■ 21.4380, 19.7952,
18.9106

■ 21.4380, 19.7952,
18.9106

■ 19.0997, 16.3737,
14.2614

■ 24.1851, 23.8151,
24.3712

■ 17.1491, 13.5194,
10.3837

■ 27.3575, 28.4571,
30.6779

■ 15.5657, 11.2025,
7.2362

■ 30.9727, 33.7471,
37.8650

■ 14.3267, 9.3894,
4.7731

■ 35.0468, 39.7087,
45.9646

■ 13.4064, 8.0426,
2.9437

■ 39.5952, 46.3641,
55.0070

■ 12.7756, 7.1196,
1.6900

■ 44.6324, 53.7348,
65.0212

■ 12.4000, 6.5700,
0.9435

■ 50.1724, 61.8412,
76.0350

■ 12.2130, 6.2962,
0.5716

■ 56.2285, 70.7028,
88.0750

■ 62.8138, 80.3386,
101.1669

Harmonies

Analogous

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



21.5970, 19.7952, 22.7810



21.4380, 19.7952, 18.9106



20.5580, 19.7952, 16.1066

Triad

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



21.4380, 19.7952, 18.9106



16.8018, 19.7952, 17.0619



18.3972, 19.7952, 30.0880

Complementary

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



21.4380, 19.7952, 18.9106



23.0051, 26.9620, 32.0088

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.



17.1729, 19.7952, 28.1080



21.4380, 19.7952, 18.9106



16.2823, 19.7952, 20.3711

Square

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



21.4380, 19.7952, 18.9106



17.8677, 19.7952, 15.1347



16.4147, 19.7952, 24.4321



19.7947, 19.7952, 29.5708

Rectangle

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



21.4380, 19.7952, 18.9106



19.7038, 19.7952, 15.0624



16.4147, 19.7952, 24.4321



17.9529, 19.7952, 29.6842

Sweetspot

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



21.4385, 19.7961, 18.9110



45.4642, 46.1042, 48.5499



23.6890, 20.6957, 30.7632



10.3133, 10.4292, 10.9533



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.4385, 19.7961, 18.9110



35.5761, 31.6353, 28.8926



23.4911, 23.9012, 19.5952



5.8008, 5.8155, 6.0572



10.4318, 5.3780, 0.4882



0.1277, 0.0658, 0.0060

Inverse Universe

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



23.0051, 26.9620, 32.0088



38.8659, 46.6831, 56.3969



20.5994, 22.1504, 31.2069



5.9641, 6.5622, 7.4220



13.6094, 19.9137, 27.0575



0.1666, 0.2438, 0.3312

Previews

White Background



This preview shows how the XYZ color 21.4380, 19.7952, 18.9106 looks on a white background.

Color Contrast Check

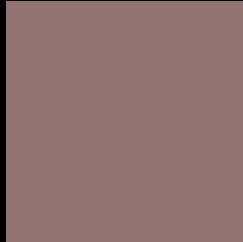
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.7952, 18.9106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

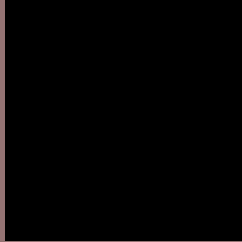
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4380, 19.7952, 18.9106

Background



This preview shows how black text looks on a background with the XYZ color 21.4380, 19.7952, 18.9106.



This preview shows how white text looks on a background with the XYZ color 21.4380, 19.7952,

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, 19.7952, 18.9106

Protanopia

19.0169, 19.9334, 20.2980

Deuteranopia

20.1153, 19.8118, 18.6835



Tritanopia

21.9869, 19.8542, 21.4123

Trichromacy



Original Color

21.4380, 19.7952, 18.9106

Protanomaly

19.8180, 19.8093, 19.9186

Deuteranomaly

20.6710, 19.9226, 18.6755

Tritanomaly

21.8019, 19.7803, 20.4382

Monochromacy



Original Color

21.4380, 19.7952, 18.9106

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.9614, 20.0418, 20.9055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4380, 19.7952, 18.9106 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(148, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(148, 115, 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(148, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 21.4380, 19.7952, 18.9106 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(148, 115, 115) }
```


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

```
.border{ border-color:rgb(148, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(148, 115,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4380, 19.7952, 18.9106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 115, 115) }
```

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

```
.background{ background-color: rgb(148,  
115, 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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