

Converting Colors

XYZ(21.4393, 18.8872, 22.5943)

Have a look what the booklet for
XYZ(21.4393, 18.8872, 22.5943)
contains.

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Color

**XYZ(21.4393, 18.8872,
22.5943)**

Conversions

Conversions Part 1

Format	Color
Hex	936E7F
RGB	147, 110, 127
RGB Percent	58%, 43%, 50%
CMY	0.4235, 0.5686, 0.5020
CMYK	0.00, 0.25, 0.14, 0.42
HSL	332°, 15%, 50%
HSV	332°, 25%, 58%
XYZ	21.4393, 18.8872, 22.5943
YIQ	123.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

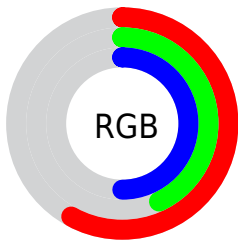
Format	Color
R_{YB}	147, 110, 127
Decimal	9662079
CIE _{Lab}	50.55, 17.49, -3.66
CIE _{LCh}	51, 17.868, 348.191
Yxy	18.8872, 0.3407, 0.3002
Android (android.graphics.Color)	4287852159 (0xFF936E7F)
YUV	123.0010, 1.9715, 21.0471
Hunter-Lab	43.4594, 12.0033, -0.4030

Details

The XYZ color **21.4393, 18.8872, 22.5943** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8941, 25.7946, 24.9979**, and the grayscale version is **18.8174, 19.7973, 21.5593**.

A 20% lighter version of the original color is **45.2459, 41.5535, 48.8159**, and **7.9216, 6.4821, 8.0414** is the 20% darker color. If you saturate the color by 10%, you get **19.4853, 15.7755, 19.4878**, and if you desaturate by 10%, it is **23.6983, 22.5432, 26.0045**.

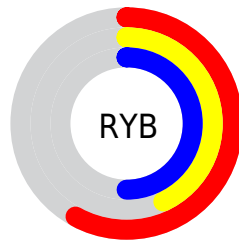
Distribution



Red (58%)

Green (43%)

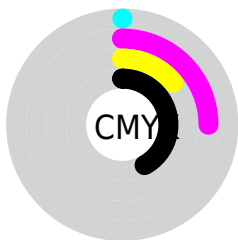
Blue (50%)



Red (58%)

Yellow (43%)

Blue (50%)

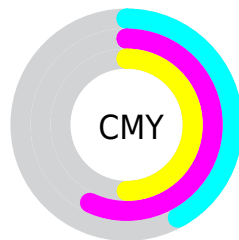


Cyan (0%)

Magenta (25%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (57%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4393, 18.8872, 22.5943 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 21.4393, 18.8872, 22.5943 by changing the saturation by 10% instead.

■ 21.4393, 18.8872,
22.5943

■ 21.4393, 18.8872,
22.5943

252.2918,
245.8253, 278.6884

■ 13.5598, 11.5888,
14.0918

■ 45.3033, 41.5434,
48.6410

■ 7.8948, 6.4643,
8.0450

■ 62.0185, 57.6700,
67.0223

■ 4.0789, 3.1294,
4.0356

■ 82.4096, 77.5081,
89.5335

■ 1.7469, 1.1997,
1.6449

■ 106.8421,
101.4422, 116.5933

■ 0.4853, 0.0614,
0.3226

135.6811,
129.8565, 148.6201

■ 0.0000, 0.0000,
0.0000

169.2922,

163.1355, 186.0326

208.0406,
201.6637, 229.2491

■ 21.4393, 18.8872,
22.5943

■ 21.4393, 18.8872,
22.5943

■ 19.4853, 15.7755,
19.4878

■ 23.6983, 22.5432,
26.0045

■ 17.8209, 13.1793,
16.6746

■ 26.2738, 26.7654,
29.7259

■ 16.4316, 11.0708,
14.1453

■ 29.1784, 31.5777,
33.7675

■ 15.3008, 9.4187,
11.8893

■ 32.4237, 37.0019,
38.1372

■ 14.4102, 8.1880,
9.8953

■ 36.0207, 43.0585,
42.8428

■ 13.7389, 7.3386,
8.1510

■ 39.9799, 49.7671,
47.8917

■ 13.2592, 6.8171,
6.6415

■ 44.3112, 57.1466,
53.2911

■ 13.0620, 6.6148,
5.9831

■ 49.0243, 65.2151,
59.0481

■ 54.1285, 73.9897,
65.1694

Harmonies

Analogous

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



20.5698, 18.8872, 27.6570



21.4393, 18.8872, 22.5943



21.3307, 18.8872, 17.7094

Triad

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



21.4393, 18.8872, 22.5943



16.9248, 18.8872, 12.7220



15.8071, 18.8872, 28.5886

Complementary

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



21.4393, 18.8872, 22.5943



20.8941, 25.7946, 24.9979

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.



14.9499, 18.8872, 23.7121



21.4393, 18.8872, 22.5943



15.5658, 18.8872, 14.8025

Square

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



21.4393, 18.8872, 22.5943



18.6470, 18.8872, 12.5221



14.8645, 18.8872, 18.6609



17.2739, 18.8872, 31.4742

Rectangle

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



21.4393, 18.8872, 22.5943



20.7192, 18.8872, 15.1789



14.8645, 18.8872, 18.6609



15.4423, 18.8872, 27.0947

Sweetspot

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



21.4398, 18.8881, 22.5947



45.6094, 45.5579, 51.1780



20.0082, 17.9842, 30.0207



10.2613, 10.1531, 11.4668



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.



21.4398, 18.8881, 22.5947



36.4223, 30.6707, 37.3657



20.5577, 18.7496, 17.2884



5.9050, 5.8571, 6.6058



11.3362, 5.7395, 5.2515



0.1534, 0.0761, 0.1412

Inverse Universe

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



21.4398, 18.8881, 22.5947



36.4223, 30.6707, 37.3657



21.9404, 25.9079, 31.4483



5.9050, 5.8571, 6.6058



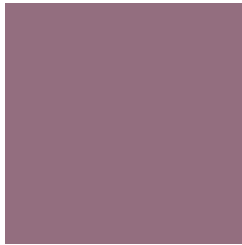
11.3362, 5.7395, 5.2515



0.1534, 0.0761, 0.1412

Previews

White Background



This preview shows how the XYZ color 21.4393, 18.8872, 22.5943 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 21.4393, 18.8872, 22.5943 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 21.4393, 18.8872, 22.5943

Background



This preview shows how black text looks on a background with the XYZ color 21.4393, 18.8872, 22.5943.



This preview shows how white text looks on a background with the XYZ color 21.4393, 18.8872,

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

21.4393, 18.8872, 22.5943

Protanopia

18.5579, 19.0483, 24.8889

Deuteranopia

19.3331, 18.9748, 22.3822



Tritanopia

20.9287, 18.8359, 20.3019

Trichromacy



Original Color

21.4393, 18.8872, 22.5943

Protanomaly

19.3954, 18.7966, 24.0786

Deuteranomaly

19.9366, 18.7752, 22.3119

Tritanomaly

21.1137, 18.9099, 21.2761

Monochromacy



Original Color

21.4393, 18.8872, 22.5943

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.6322, 19.3176, 21.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4393, 18.8872, 22.5943 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(147, 110, 127)` looks like.

```
.text, #text, p{  
    color:rgb(147, 110, 127)  
}
```

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(147, 110, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 110, 127) }
```

Border

The CSS property to change the border of an element to XYZ 21.4393, 18.8872, 22.5943 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(147, 110, 127) }
```


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

```
.border{ border-color:rgb(147, 110, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 110, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 110, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 110, 127);  
box-shadow:4px 4px 4px 4px rgb(147, 110,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4393, 18.8872, 22.5943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 110, 127) }
```

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

```
.background{ background-color: rgb(147,  
110, 127) }
```

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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