

Converting Colors

XYZ(21.6642, 19.6876, 22.1749)

Have a look what the booklet for
XYZ(21.6642, 19.6876, 22.1749)
contains.

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Color

**XYZ(21.5730, 19.6263,
22.0533)**

Conversions

Conversions Part 1

Format	Color
Hex	92727D
RGB	146, 114, 125
RGB Percent	57%, 45%, 49%
CMY	0.4275, 0.5529, 0.5098
CMYK	0.00, 0.22, 0.14, 0.43
HSL	339°, 13%, 51%
HSV	339°, 22%, 57%
XYZ	21.5730, 19.6263, 22.0533
YIQ	124.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

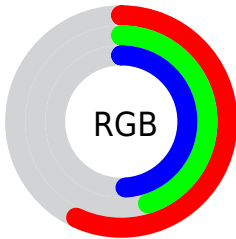
Format	Color
R_{YB}	146, 114, 125
Decimal	9597565
CIE _{Lab}	51.41, 14.43, -1.23
CIE _{LCh}	51, 14.479, 355.141
Yxy	19.6263, 0.3411, 0.3103
Android (android.graphics.Color)	4287787645 (0xFF92727D)
YUV	124.8220, 0.0878, 18.5731
Hunter-Lab	44.3016, 9.3942, 1.4966

Details

The XYZ color **21.5730, 19.6263, 22.0533** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.5922, 25.8848, 26.7810**, and the grayscale version is **19.4297, 20.4415, 22.2608**.

A 20% lighter version of the original color is **45.4915, 42.7661, 47.9765**, and **7.9720, 6.8511, 7.7397** is the 20% darker color. If you saturate the color by 10%, you get **19.4730, 16.3589, 18.4776**, and if you desaturate by 10%, it is **23.9961, 23.4449, 26.0286**.

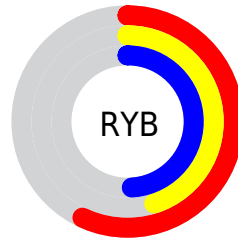
Distribution



Red (57%)

Green (45%)

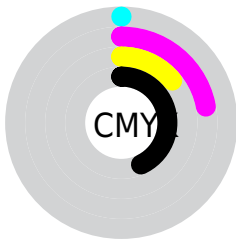
Blue (49%)



Red (57%)

Yellow (45%)

Blue (49%)

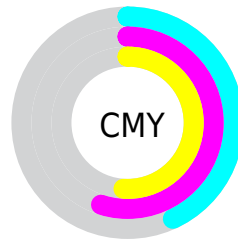


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (43%)



Cyan (43%)

Magenta (55%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5730, 19.6263, 22.0533 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 21.5730, 19.6263, 22.0533 by changing the saturation by 10% instead.

■ 21.5730, 19.6263,
22.0533

■ 21.5730, 19.6263,
22.0533

252.9827,
249.8848, 275.7871

■ 13.6583, 12.1237,
13.6974

■ 45.5234, 42.7898,
47.7374

■ 7.9635, 6.8280,
7.7742

■ 62.2898, 59.2194,
65.9026

■ 4.1232, 3.3548,
3.8651

■ 82.7375, 79.3935,
88.1748

■ 1.7721, 1.3196,
1.5516

■ 107.2318,
103.6965, 114.9723

■ 0.5008, 0.1563,
0.2559

136.1381,
132.5127, 146.7137

■ 0.0000, 0.0000,
0.0000

169.8218,

166.2265, 183.8176

208.6482,
205.2225, 226.7026

■ 21.5730, 19.6263,
22.0533

■ 21.5730, 19.6263,
22.0533

■ 19.4730, 16.3589,
18.4776

■ 23.9961, 23.4449,
26.0286

■ 17.6802, 13.6144,
15.2872

■ 26.7538, 27.8359,
30.4145

■ 16.1801, 11.3661,
12.4690

■ 29.8592, 32.8225,
35.2231

■ 14.9561, 9.5839,
10.0085

■ 33.3240, 38.4262,
40.4657

■ 13.9899, 8.2342,
7.8900

■ 37.1594, 44.6670,
46.1531

■ 13.2609, 7.2792,
6.0967

■ 41.3763, 51.5642,
52.2957

■ 12.7450, 6.6740,
4.6097

■ 45.9850, 59.1364,
58.9036

■ 12.4337, 6.3429,
3.6070

■ 50.9952, 67.4012,
65.9864

■ 56.4167, 76.3757,
73.5538

Harmonies

Analogous

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



21.0372, 19.6263, 26.2670



21.5730, 19.6263, 22.0533



21.2942, 19.6263, 18.1531

Triad

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



21.5730, 19.6263, 22.0533



17.4944, 19.6263, 14.9247



17.1053, 19.6263, 28.6156

Complementary

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



21.5730, 19.6263, 22.0533



21.5922, 25.8848, 26.7810

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.



16.2420, 19.6263, 24.9454



21.5730, 19.6263, 22.0533



16.4583, 19.6263, 17.1224

Square

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



21.5730, 19.6263, 22.0533



18.8914, 19.6263, 14.3590



16.0113, 19.6263, 20.7004



18.4190, 19.6263, 30.3559

Rectangle

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



21.5730, 19.6263, 22.0533



20.6911, 19.6263, 16.1938



16.0113, 19.6263, 20.7004



16.7556, 19.6263, 27.5454

Sweetspot

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



21.5736, 19.6272, 22.0537



44.5790, 44.9285, 49.5190



21.1658, 19.2453, 29.7933



9.8641, 9.9105, 10.9317



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.



21.5736, 19.6272, 22.0537



36.2804, 31.8483, 35.9103



21.4650, 20.4729, 18.7411



5.8782, 5.8463, 6.4646



10.9514, 5.5856, 3.2250



0.1469, 0.0735, 0.1071

Inverse Universe

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



21.5736, 19.6272, 22.0537



36.2804, 31.8483, 35.9103



21.6827, 24.7620, 30.8309



5.8782, 5.8463, 6.4646



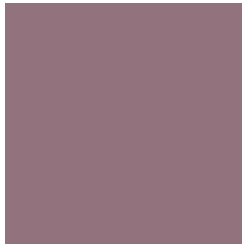
10.9514, 5.5856, 3.2250



0.1469, 0.0735, 0.1071

Previews

White Background



This preview shows how the XYZ color 21.5730, 19.6263, 22.0533 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 21.5730, 19.6263, 22.0533 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 21.5730, 19.6263, 22.0533

Background



This preview shows how black text looks on a background with the XYZ color 21.5730, 19.6263, 22.0533.



This preview shows how white text looks on a background with the XYZ color 21.5730, 19.6263,

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

21.5730, 19.6263, 22.0533

Protanopia

19.1572, 19.7417, 23.9199

Deuteranopia

20.0664, 19.7172, 21.8170



Tritanopia

21.4465, 19.5757, 21.3870

Trichromacy



Original Color

21.5730, 19.6263, 22.0533

Protanomaly

19.8532, 19.5775, 23.1545

Deuteranomaly

20.4806, 19.5811, 21.7689

Tritanomaly

21.5095, 19.6009, 21.7185

Monochromacy



Original Color

21.5730, 19.6263, 22.0533

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2119, 20.1420, 22.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5730, 19.6263, 22.0533 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(146, 114, 125)` looks like.

```
.text, #text, p{  
    color:rgb(146, 114, 125)  
}
```

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(146, 114, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 114, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.5730, 19.6263, 22.0533 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(146, 114, 125) }
```


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

```
.border{ border-color:rgb(146, 114, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 114, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 114, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 114, 125);  
box-shadow:4px 4px 4px 4px rgb(146, 114,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5730, 19.6263, 22.0533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 114, 125) }
```

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

```
.background{ background-color: rgb(146,  
114, 125) }
```

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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