

Converting Colors

XYZ(21.5925, 17.8507, 24.1322)

Have a look what the booklet for
XYZ(21.5925, 17.8507, 24.1322)
contains.

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Color

**XYZ(21.5928, 17.8505,
24.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	966784
RGB	150, 103, 132
RGB Percent	59%, 40%, 52%
CMY	0.4118, 0.5961, 0.4824
CMYK	0.00, 0.31, 0.12, 0.41
HSL	323°, 19%, 50%
HSV	323°, 31%, 59%
XYZ	21.5928, 17.8505, 24.1372
YIQ	120.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

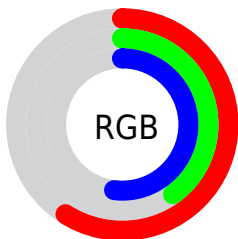
Format	Color
R_{YB}	150, 103, 132
Decimal	9856900
CIE _{Lab}	49.31, 23.56, -8.43
CIE _{LCh}	49, 25.025, 340.310
Yxy	17.8505, 0.3396, 0.2808
Android (android.graphics.Color)	4288046980 (0xFF966784)
YUV	120.3590, 5.7390, 25.9952
Hunter-Lab	42.2499, 17.2895, -4.2973

Details

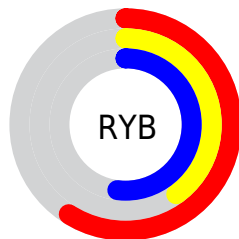
The XYZ color **21.5928, 17.8505, 24.1372** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.9518, 26.0773, 22.0723**, and the grayscale version is **17.9460, 18.8806, 20.5610**.

A 20% lighter version of the original color is **45.6551, 39.9246, 51.1989**, and **7.9645, 5.9536, 8.9130** is the 20% darker color. If you saturate the color by 10%, you get **19.8502, 14.9771, 21.6699**, and if you desaturate by 10%, it is **23.6257, 21.2695, 26.8086**.

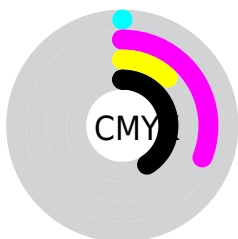
Distribution



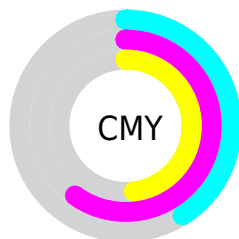
- Red (59%)
- Green (40%)
- Blue (52%)



- Red (59%)
- Yellow (40%)
- Blue (52%)



- Cyan (0%)
- Magenta (31%)
- Yellow (12%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5928, 17.8505, 24.1372 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 21.5928, 17.8505, 24.1372 by changing the saturation by 10% instead.

■ 21.5928, 17.8505,
24.1372

■ 21.5928, 17.8505,
24.1372

253.0849,
240.0270, 286.8223

■ 13.6729, 10.8427,
15.2223

■ 45.5559, 39.7824,
51.2006

■ 7.9737, 5.9612,
8.8272

■ 62.3299, 55.4753,
70.1862

■ 4.1298, 2.8215,
4.5334

■ 82.7860, 74.8321,
93.3658

■ 1.7758, 1.0393,
1.9223

■ 107.2895, 98.2370,
121.1579

■ 0.5030, 0.0000,
0.5068

136.2057,
126.0746, 153.9811

■ 0.0000, 0.0000,
0.0000

169.9002,

158.7292, 192.2538

208.7381,
196.5852, 236.3947

■ 21.5928, 17.8505,
24.1372

■ 21.5928, 17.8505,
24.1372

■ 19.8502, 14.9771,
21.6699

■ 23.6257, 21.2695,
26.8086

■ 18.3818, 12.6182,
19.3989

■ 25.9611, 25.2583,
29.6890

■ 17.1721, 10.7430,
17.3175

■ 28.6120, 29.8426,
32.7848

■ 16.2032, 9.3167,
15.4180

■ 31.5905, 35.0459,
36.1015

■ 15.4552, 8.2996,
13.6919

■ 34.9079, 40.8901,
39.6445

■ 14.9042, 7.6450,
12.1293

■ 38.5750, 47.3964,
43.4188

■ 14.5337, 7.2664,
10.8882

■ 42.6019, 54.5848,
47.4293

■ 46.9987, 62.4746,
51.6809

■ 51.7746, 71.0841,
56.1781

Harmonies

Analogous

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



20.0649, 17.8505, 31.0864



21.5928, 17.8505, 24.1372



21.8185, 17.8505, 17.2081

Triad

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



21.5928, 17.8505, 24.1372



16.1694, 17.8505, 9.2717



13.7447, 17.8505, 29.0817

Complementary

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



21.5928, 17.8505, 24.1372



19.9518, 26.0773, 22.0723

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.



12.8929, 17.8505, 21.8487



21.5928, 17.8505, 24.1372



14.2045, 17.8505, 11.1349

Square

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



21.5928, 17.8505, 24.1372



18.5370, 17.8505, 9.6106



13.0530, 17.8505, 15.3889



15.4871, 17.8505, 34.3671

Rectangle

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



21.5928, 17.8505, 24.1372



21.1798, 17.8505, 13.6027



13.0530, 17.8505, 15.3889



13.3524, 17.8505, 26.7365

Sweetspot

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



21.5933, 17.8513, 24.1376



46.7749, 46.2271, 53.5383



18.1342, 15.9133, 30.9702



10.2339, 10.0171, 11.7077



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.



21.5933, 17.8513, 24.1376



35.7778, 27.6517, 39.3330



20.2033, 17.2953, 16.8178



5.9421, 5.8719, 6.8013



12.0698, 6.0330, 9.1144



0.1622, 0.0796, 0.1875

Inverse Universe

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



21.5933, 17.8513, 24.1376



35.7778, 27.6517, 39.3330



21.5142, 26.7022, 30.2994



5.9421, 5.8719, 6.8013



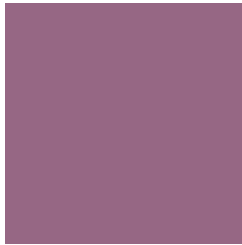
12.0698, 6.0330, 9.1144



0.1622, 0.0796, 0.1875

Previews

White Background



This preview shows how the XYZ color 21.5928, 17.8505, 24.1372 looks on a white background.

Color Contrast Check

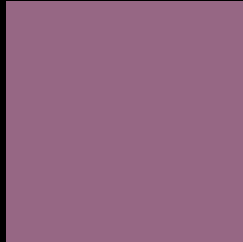
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.5928, 17.8505, 24.1372 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 21.5928, 17.8505, 24.1372

Background



This preview shows how black text looks on a background with the XYZ color 21.5928, 17.8505, 24.1372.



This preview shows how white text looks on a background with the XYZ color 21.5928, 17.8505,

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

21.5928, 17.8505, 24.1372

Protanopia

17.7352, 17.8586, 27.7116

Deuteranopia

18.2150, 17.8573, 23.6059



Tritanopia

20.4040, 17.8189, 18.2836

Trichromacy



Original Color

21.5928, 17.8505, 24.1372

Protanomaly

18.8761, 17.6395, 26.4546

Deuteranomaly

19.3455, 17.7771, 23.8844

Tritanomaly

20.8972, 17.8732, 20.4376

Monochromacy



Original Color

21.5928, 17.8505, 24.1372

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.0155, 18.3152, 21.6017

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5928, 17.8505, 24.1372 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(150, 103, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 103, 132)  
}
```

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(150, 103, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 103, 132) }
```

Border

The CSS property to change the border of an element to XYZ 21.5928, 17.8505, 24.1372 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(150, 103, 132) }
```


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

```
.border{ border-color:rgb(150, 103, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 103, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 103, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 103, 132);  
box-shadow:4px 4px 4px 4px rgb(150, 103,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5928, 17.8505, 24.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 103, 132) }
```

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

```
.background{ background-color: rgb(150,  
103, 132) }
```

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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