

Converting Colors

XYZ(21.4348, 17.9878, 21.9113)

Have a look what the booklet for
XYZ(21.4348, 17.9878, 21.9113)
contains.

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Color

**XYZ(21.4145, 17.9606,
21.7401)**

Conversions

Conversions Part 1

Format	Color
Hex	97687D
RGB	151, 104, 125
RGB Percent	59%, 41%, 49%
CMY	0.4078, 0.5921, 0.5098
CMYK	0.00, 0.31, 0.17, 0.41
HSL	333°, 18%, 50%
HSV	333°, 31%, 59%
XYZ	21.4145, 17.9606, 21.7401
YIQ	120.4470, 21.2710, 16.4950

Conversions

Conversions Part 2

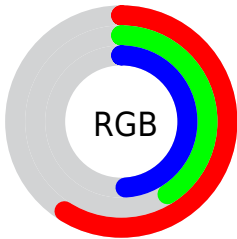
Format	Color
R_{YB}	151, 104, 125
Decimal	9922685
CIE Lab	49.45, 22.14, -4.05
CIE LCh	49, 22.510, 349.626
Yxy	17.9606, 0.3504, 0.2939
Android (android.graphics.Color)	4288112765 (0xFF97687D)
YUV	120.4470, 2.2446, 26.7950
Hunter-Lab	42.3799, 16.0308, -0.7487

Details

The XYZ color **21.4145, 17.9606, 21.7401** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.8056, 26.6885, 25.1752**, and the grayscale version is **17.9845, 18.9211, 20.6051**.

A 20% lighter version of the original color is **45.3779, 40.1131, 47.4704**, and **7.8643, 6.0028, 7.5816** is the 20% darker color. If you saturate the color by 10%, you get **19.5171, 14.9842, 18.5845**, and if you desaturate by 10%, it is **23.6300, 21.5010, 25.2236**.

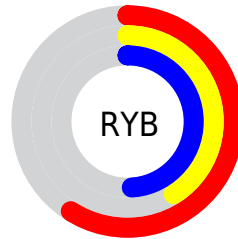
Distribution



Red (59%)

Green (41%)

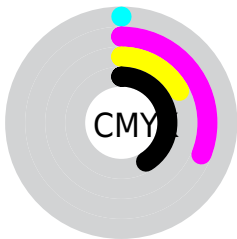
Blue (49%)



Red (59%)

Yellow (41%)

Blue (49%)

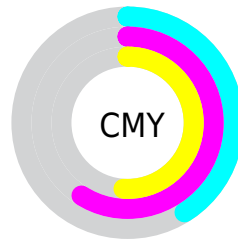


Cyan (0%)

Magenta (31%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (59%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4145, 17.9606, 21.7401 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 21.4145, 17.9606, 21.7401 by changing the saturation by 10% instead.

■ 21.4145, 17.9606,
21.7401

■ 21.4145, 17.9606,
21.7401

252.1634,
240.6489, 274.0951

■ 13.5415, 10.9217,
13.4696

■ 45.2625, 39.9702,
47.2127

■ 7.8820, 6.0142,
7.6182

■ 61.9681, 55.7096,
65.2519

■ 4.0707, 2.8537,
3.7674

■ 82.3488, 75.1181,
87.3844

■ 1.7422, 1.0558,
1.4986

■ 106.7697, 98.5799,
114.0287

■ 0.4825, 0.0000,
0.2169

135.5963,
126.4795, 145.6034

■ 0.0000, 0.0000,
0.0000

169.1938,

159.2013, 182.5270

207.9278,
197.1296, 225.2180

■ 21.4145, 17.9606,
21.7401

■ 21.4145, 17.9606,
21.7401

■ 19.5171, 14.9842,
18.5845

■ 23.6300, 21.5010,
25.2236

■ 17.9207, 12.5397,
15.7452

■ 26.1765, 25.6302,
29.0439

■ 16.6087, 10.5958,
13.2110


■ 29.0682, 30.3746,
33.2111


■ 15.5623, 9.1168,
10.9700

■ 32.3179, 35.7581,
37.7343

■ 14.7602, 8.0621,
9.0088


■ 35.9377, 41.8035,
42.6223


 14.1776, 7.3840,
7.3128

 39.9391, 48.5324,
47.8836

 13.7897, 6.9902,
6.0058

 44.3332, 55.9654,
53.5263

 49.1306, 64.1223,
59.5583

 54.3414, 73.0220,
65.9873

Harmonies

Analogous

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



20.3774, 17.9606, 28.1591



21.4145, 17.9606, 21.7401



21.2167, 17.9606, 15.8826

Triad

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



21.4145, 17.9606, 21.7401



15.7349, 17.9606, 10.4740



14.5583, 17.9606, 29.8958

Complementary

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



21.4145, 17.9606, 21.7401



20.8056, 26.6885, 25.1752

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.



13.5039, 17.9606, 23.7563



21.4145, 17.9606, 21.7401



14.1432, 17.9606, 12.9123

Square

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



21.4145, 17.9606, 21.7401



17.8175, 17.9606, 10.1551



13.3585, 17.9606, 17.5234



16.3457, 17.9606, 33.4750

Rectangle

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



21.4145, 17.9606, 21.7401



20.4160, 17.9606, 13.0012



13.3585, 17.9606, 17.5234



14.1130, 17.9606, 28.0102

Sweetspot

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



21.4150, 17.9614, 21.7405



47.8359, 47.4638, 53.4150



19.7199, 16.8699, 31.4953



10.7201, 10.5390, 11.9178



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.



21.4150, 17.9614, 21.7405



36.0405, 28.5288, 35.1299



20.4520, 17.9600, 15.4864



6.3177, 6.2663, 7.0533



11.7451, 5.9523, 5.1828



0.1935, 0.0962, 0.1719

Inverse Universe

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



21.4150, 17.9614, 21.7405



36.0405, 28.5288, 35.1299



21.9876, 26.5622, 33.2466



6.3177, 6.2663, 7.0533



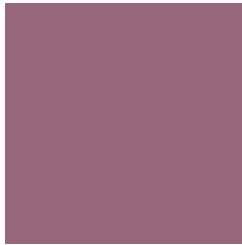
11.7451, 5.9523, 5.1828



0.1935, 0.0962, 0.1719

Previews

White Background



This preview shows how the XYZ color 21.4145, 17.9606, 21.7401 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 21.4145, 17.9606, 21.7401 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 21.4145, 17.9606, 21.7401

Background



This preview shows how black text looks on a background with the XYZ color 21.4145, 17.9606, 21.7401.



This preview shows how white text looks on a background with the XYZ color 21.4145, 17.9606,

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

21.4145, 17.9606, 21.7401

Protanopia

17.6652, 18.0609, 24.7453

Deuteranopia

18.3449, 17.9767, 21.2419



Tritanopia

20.7690, 18.0070, 18.3006

Trichromacy



Original Color

21.4145, 17.9606, 21.7401

Protanomaly

18.7255, 17.7892, 23.5658

Deuteranomaly

19.3674, 17.8413, 21.4917

Tritanomaly

20.8993, 17.8952, 19.4921

Monochromacy



Original Color

21.4145, 17.9606, 21.7401

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.8902, 18.2651, 20.9422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4145, 17.9606, 21.7401 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(151, 104, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 104, 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(151, 104, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 104, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.4145, 17.9606, 21.7401 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(151, 104, 125) }
```


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

```
.border{ border-color:rgb(151, 104, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 104, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 104, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 104, 125);  
box-shadow:4px 4px 4px 4px rgb(151, 104,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4145, 17.9606, 21.7401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 104, 125) }
```

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

```
.background{ background-color: rgb(151,  
104, 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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