

Converting Colors

XYZ(21.5530, 21.7464, 20.9593)

Have a look what the booklet for
XYZ(21.5530, 21.7464, 20.9593)
contains.

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Color

**XYZ(21.4985, 21.7667,
20.8376)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7E78
RGB	139, 126, 120
RGB Percent	55%, 49%, 47%
CMY	0.4549, 0.5059, 0.5294
CMYK	0.00, 0.09, 0.14, 0.45
HSL	19°, 8%, 51%
HSV	19°, 14%, 55%
XYZ	21.4985, 21.7667, 20.8376
YIQ	129.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

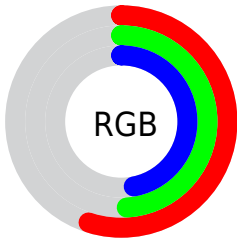
Format	Color
RYB	139, 129, 120
Decimal	9141880
CIELab	53.78, 3.87, 5.05
CIELCh	54, 6.368, 52.519
Yxy	21.7667, 0.3354, 0.3396
Android (android.graphics.Color)	4287331960 (0xFF8B7E78)
YUV	129.2030, -4.5371, 8.5920
Hunter-Lab	46.6548, 0.6068, 6.1775

Details

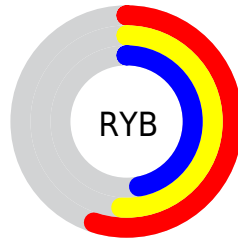
The XYZ color **21.4985, 21.7667, 20.8376** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7935, 22.6319, 27.6989**, and the grayscale version is **20.9509, 22.0420, 24.0037**.

A 20% lighter version of the original color is **45.5588, 46.5562, 45.6148**, and **7.9434, 7.8995, 7.2370** is the 20% darker color. If you saturate the color by 10%, you get **19.5569, 19.1368, 16.3262**, and if you desaturate by 10%, it is **23.6794, 24.6787, 26.0335**.

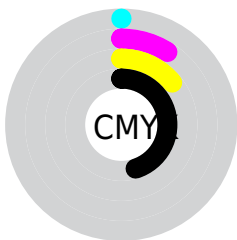
Distribution



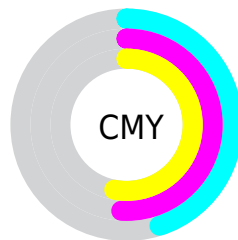
- Red (55%)
- Green (49%)
- Blue (47%)



- Red (55%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4985, 21.7667, 20.8376 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 21.4985, 21.7667, 20.8376 by changing the saturation by 10% instead.

■ 21.4985, 21.7667,
20.8376

■ 21.4985, 21.7667,
20.8376

252.5979,
261.3255, 269.1668

■ 13.6034, 13.6856,
12.8153

■ 45.4008, 46.3601,
45.6944

■ 7.9252, 7.9023,
7.1722

■ 62.1387, 63.6412,
63.3659

■ 4.0985, 4.0325,
3.4900

■ 82.5548, 84.7577,
85.0909

■ 1.7580, 1.6918,
1.3499

107.0147,
110.0940, 111.2879

■ 0.4922, 0.4183,
0.1022

135.8836,
140.0345, 142.3754

■ 0.0000, 0.0000,
0.0000

169.5268,

174.9637, 178.7721

208.3098,
215.2659, 220.8964

■ 21.4985, 21.7667,
20.8376

■ 21.4985, 21.7667,
20.8376

■ 19.5569, 19.1368,
16.3262

■ 23.6794, 24.6787,
26.0335

■ 17.8443, 16.7776,
12.4692

■ 26.1058, 27.8781,
31.9396

■ 16.3524, 14.6811,
9.2363

■ 28.7859, 31.3736,
38.5819

■ 15.0715, 12.8379,
6.5941

■ 31.7271, 35.1727,
45.9846

■ 13.9913, 11.2379,
4.5062

■ 34.9363, 39.2826,
54.1709

■ 13.1003, 9.8702,
2.9322

■ 38.4202, 43.7104,
63.1631

■ 12.3860, 8.7231,
1.8259

■ 42.1853, 48.4627,
72.9823

■ 11.8335, 7.7837,
1.1314

■ 46.2379, 53.5460,
83.6491

■ 11.5450, 7.2838,
0.7974

■ 50.5841, 58.9668,
95.1833

Harmonies

Analogous

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



21.9263, 21.7667, 22.2880



21.4985, 21.7667, 20.8376



20.8601, 21.7667, 20.1615

Triad

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



21.4985, 21.7667, 20.8376



19.4129, 21.7667, 23.2137



21.1959, 21.7667, 27.3492

Complementary

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



21.4985, 21.7667, 20.8376



20.7935, 22.6319, 27.6989

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.



20.5180, 21.7667, 27.6306



21.4985, 21.7667, 20.8376



19.4984, 21.7667, 25.1709

Square

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



21.4985, 21.7667, 20.8376



19.6633, 21.7667, 21.4833



19.8993, 21.7667, 26.8137



21.7489, 21.7667, 26.0647

Rectangle

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



21.4985, 21.7667, 20.8376



20.4051, 21.7667, 20.2131



19.8993, 21.7667, 26.8137



20.9747, 21.7667, 27.5670

Sweetspot

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



21.4991, 21.7677, 20.8381



42.2332, 43.9666, 46.2068



21.6187, 20.6240, 25.1409



9.6667, 10.0449, 10.4912



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.4991, 21.7677, 20.8381



37.5277, 37.6708, 35.0343



22.7299, 24.2292, 21.2483



5.1535, 5.2898, 5.3018



10.4339, 6.6022, 0.7244



0.0813, 0.0679, 0.0088

Inverse Universe

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



20.7935, 22.6319, 27.6989



36.0431, 39.4881, 49.4653



19.5889, 20.2227, 27.2974



5.0418, 5.4266, 6.3875



7.9224, 9.1152, 23.3875



0.0658, 0.0869, 0.1598

Previews

White Background



This preview shows how the XYZ color 21.4985, 21.7667, 20.8376 looks on a white background.

Color Contrast Check

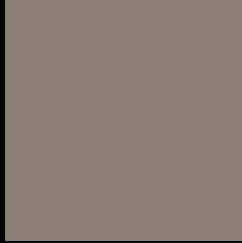
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4985, 21.7667, 20.8376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

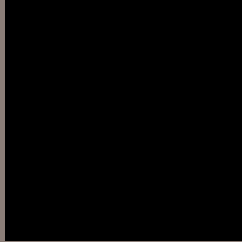
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4985, 21.7667, 20.8376

Background



This preview shows how black text looks on a background with the XYZ color 21.4985, 21.7667, 20.8376.



This preview shows how white text looks on a background with the XYZ color 21.4985, 21.7667,

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

21.4985, 21.7667, 20.8376

Protanopia

20.8432, 21.8054, 21.1995

Deuteranopia

22.0994, 21.7007, 20.7932



Tritanopia

22.4952, 21.7993, 25.5763

Trichromacy



Original Color

21.4985, 21.7667, 20.8376

Protanomaly

21.0322, 21.7101, 21.1711

Deuteranomaly

21.8791, 21.7741, 20.8190

Tritanomaly

22.1113, 21.8277, 23.8166

Monochromacy



Original Color

21.4985, 21.7667, 20.8376

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.1579, 21.9312, 22.8567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4985, 21.7667, 20.8376 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(139, 126, 120)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 120)  
}
```

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(139, 126, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 120) }
```

Border

The CSS property to change the border of an element to XYZ 21.4985, 21.7667, 20.8376 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(139, 126, 120) }
```


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

```
.border{ border-color:rgb(139, 126, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 126, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 120);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4985, 21.7667, 20.8376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 120) }
```

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

```
.background{ background-color: rgb(139,  
126, 120) }
```

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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