

Converting Colors

XYZ(20.8714, 23.0920, 21.7698)

Have a look what the booklet for
XYZ(20.8714, 23.0920, 21.7698)
contains.

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Color

**XYZ(20.7903, 22.9674,
21.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	7F867A
RGB	127, 134, 122
RGB Percent	50%, 53%, 48%
CMY	0.5020, 0.4745, 0.5216
CMYK	0.05, 0.00, 0.09, 0.47
HSL	95°, 5%, 50%
HSV	95°, 9%, 53%
XYZ	20.7903, 22.9674, 21.7497
YIQ	130.5390, -0.3200, -5.2160

Conversions

Conversions Part 2

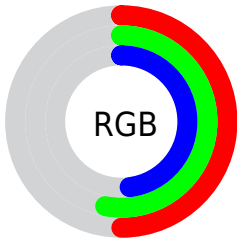
Format	Color
R_{YB}	122, 134, 129
Decimal	8357498
CIE Lab	55.04, -4.94, 5.57
CIE LCh	55, 7.443, 131.577
Yxy	22.9674, 0.3174, 0.3506
Android (android.graphics.Color)	4286547578 (0xFF7F867A)
YUV	130.5390, -4.2097, -3.1037
Hunter-Lab	47.9243, -6.4315, 6.6392

Details

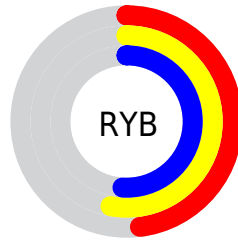
The XYZ color **20.7903, 22.9674, 21.7497** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3169, 20.3081, 25.4046**, and the grayscale version is **21.4243, 22.5400, 24.5461**.

A 20% lighter version of the original color is **44.2327, 48.2999, 47.0359**, and **7.5148, 8.4414, 7.5366** is the 20% darker color. If you saturate the color by 10%, you get **18.8971, 22.0815, 17.6217**, and if you desaturate by 10%, it is **22.8897, 23.9477, 26.4860**.

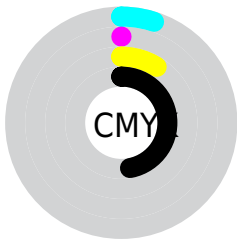
Distribution



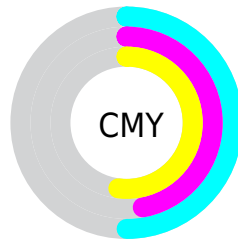
- Red (50%)
- Green (53%)
- Blue (48%)



- Red (48%)
- Yellow (53%)
- Blue (51%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7903, 22.9674, 21.7497 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 20.7903, 22.9674, 21.7497 by changing the saturation by 10% instead.

■ 20.7903, 22.9674,
21.7497

■ 20.7903, 22.9674,
21.7497

248.9148,
267.5575, 274.1471

■ 13.0824, 14.5694,
13.4765

■ 44.2322, 48.3398,
47.2288

■ 7.5627, 8.5178,
7.6229

■ 60.6969, 66.0830,
65.2719

■ 3.8659, 4.4280,
3.7703

■ 80.8112, 87.7101,
87.4086

■ 1.6265, 1.9157,
1.5002

104.9405,
113.6055, 114.0577

■ 0.4096, 0.5578,
0.2181

133.4502,
144.1535, 145.6375

■ 0.0000, 0.0000,
0.0000

166.7055,

179.7386, 182.5666

205.0720,
220.7451, 225.2636

■ 20.7903, 22.9674,
21.7497

■ 20.7903, 22.9674,
21.7497

■ 18.8971, 22.0815,
17.6217

■ 22.8897, 23.9477,
26.4860

■ 17.2015, 21.2841,
14.0759

■ 25.1997, 25.0222,
31.8524

■ 15.6971, 20.5732,
11.0865

■ 27.7271, 26.1945,
37.8713

■ 14.3762, 19.9453,
8.6251

■ 30.4776, 27.4672,
44.5637

■ 13.2307, 19.3971,
6.6610

■ 33.4569, 28.8427,
51.9495

■ 12.2520, 18.9248,
5.1601

■ 36.6704, 30.3233,
60.0479

■ 11.4301, 18.5240,
4.0842

■ 40.1231, 31.9114,
68.8774

■ 10.7541, 18.1902,
3.3887

■ 43.8202, 33.6092,
78.4557

■ 10.1996, 17.9133,
2.9602

■ 47.7666, 35.4187,
88.7999

Harmonies

Analogous

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



21.5119, 22.9674, 20.8017



20.7903, 22.9674, 21.7497



20.3540, 22.9674, 23.5943

Triad

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



20.7903, 22.9674, 21.7497



21.3306, 22.9674, 29.5874



23.4268, 22.9674, 24.1037

Complementary

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



20.7903, 22.9674, 21.7497



20.3169, 20.3081, 25.4046

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.



23.3753, 22.9674, 26.4763



20.7903, 22.9674, 21.7497



22.1509, 22.9674, 29.7453

Square

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



20.7903, 22.9674, 21.7497



20.6605, 22.9674, 28.1569



22.9034, 22.9674, 28.5756



23.0425, 22.9674, 22.1023

Rectangle

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



20.7903, 22.9674, 21.7497



20.2768, 22.9674, 25.1333



22.9034, 22.9674, 28.5756



23.4602, 22.9674, 24.8823

Sweetspot

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



20.7909, 22.9684, 21.7502



38.7633, 41.4621, 43.1025



21.1956, 22.1750, 21.5757



8.6713, 9.3122, 9.5711



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



20.7909, 22.9684, 21.7502



35.8357, 40.0945, 36.5647



20.1270, 22.6189, 22.0444



4.7865, 5.2925, 4.9986



9.5196, 16.7675, 2.7347



0.0410, 0.0622, 0.0098

Inverse Universe

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



20.3169, 20.3081, 25.4046



34.8030, 34.2999, 44.5246



21.0256, 20.6815, 25.0753



4.6753, 4.6687, 5.8555



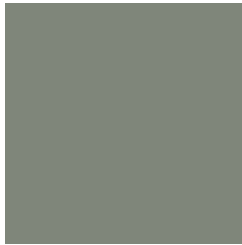
7.0038, 3.1447, 21.3745



0.0326, 0.0152, 0.0744

Previews

White Background



This preview shows how the XYZ color 20.7903, 22.9674, 21.7497 looks on a white background.

Color Contrast Check

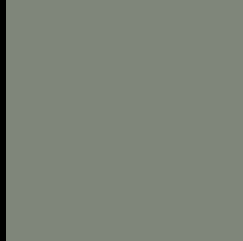
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7903, 22.9674, 21.7497 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

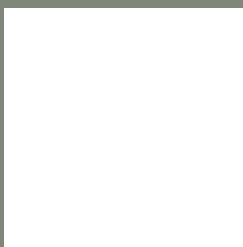
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.7903, 22.9674, 21.7497

Background



This preview shows how black text looks on a background with the XYZ color 20.7903, 22.9674, 21.7497.



This preview shows how white text looks on a background with the XYZ color 20.7903, 22.9674,

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

20.7903, 22.9674, 21.7497

Protanopia

21.8230, 22.9070, 21.0406

Deuteranopia

23.1971, 22.8118, 21.9194



Tritanopia

22.2047, 22.9314, 28.8471

Trichromacy



Original Color

20.7903, 22.9674, 21.7497

Protanomaly

21.3753, 22.8695, 21.3768

Deuteranomaly

22.3730, 22.9708, 21.9935

Tritanomaly

21.6777, 22.9189, 26.2029

Monochromacy



Original Color

20.7903, 22.9674, 21.7497

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.3535, 22.8069, 23.6988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7903, 22.9674, 21.7497 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(127, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(127, 134, 122)  
}
```

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(127, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 134, 122) }
```

Border

The CSS property to change the border of an element to XYZ 20.7903, 22.9674, 21.7497 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(127, 134, 122) }
```


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

```
.border{ border-color:rgb(127, 134, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 134, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(127, 134,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7903, 22.9674, 21.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 134, 122) }
```

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

```
.background{ background-color: rgb(127,  
134, 122) }
```

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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