

Converting Colors

XYZ(21.1747, 23.8624, 22.9571)

Have a look what the booklet for
XYZ(21.1747, 23.8624, 22.9571)
contains.

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Color

**XYZ(21.1048, 23.7320,
22.8704)**

Conversions

Conversions Part 1

Format	Color
Hex	7D897D
RGB	125, 137, 125
RGB Percent	49%, 54%, 49%
CMY	0.5098, 0.4627, 0.5098
CMYK	0.09, 0.00, 0.09, 0.46
HSL	120°, 5%, 51%
HSV	120°, 9%, 54%
XYZ	21.1048, 23.7320, 22.8704
YIQ	132.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

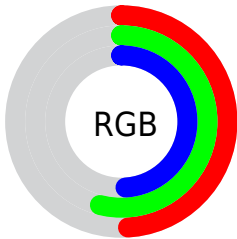
Format	Color
RYB	125, 137, 137
Decimal	8227197
CIELab	55.82, -6.79, 4.94
CIElCh	56, 8.395, 143.970
Yxy	23.7320, 0.3117, 0.3505
Android (android.graphics.Color)	4286417277 (0xFF7D897D)
YUV	132.0440, -3.4727, -6.1776
Hunter-Lab	48.7155, -7.9214, 6.2661

Details

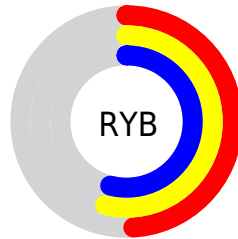
The XYZ color **21.1048, 23.7320, 22.8704** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1664, 21.7924, 26.7062**, and the grayscale version is **21.9615, 23.1053, 25.1616**.

A 20% lighter version of the original color is **44.8094, 49.5062, 49.3134**, and **7.6932, 8.8747, 8.1450** is the 20% darker color. If you saturate the color by 10%, you get **18.4254, 22.4457, 18.4872**, and if you desaturate by 10%, it is **24.1822, 25.2109, 27.9035**.

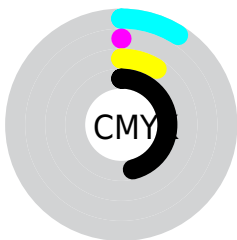
Distribution



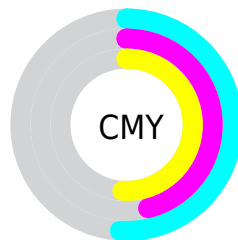
- Red (49%)
- Green (54%)
- Blue (49%)



- Red (49%)
- Yellow (54%)
- Blue (54%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)



- Cyan (51%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1048, 23.7320, 22.8704 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 21.1048, 23.7320, 22.8704 by changing the saturation by 10% instead.

■ 21.1048, 23.7320,
22.8704

■ 21.1048, 23.7320,
22.8704

250.5561,
271.4627, 280.1590

■ 13.3135, 15.1349,
14.2934

■ 44.7518, 49.5925,
49.1009

■ 7.7233, 8.9141,
8.1840

■ 61.3383, 67.6247,
67.5916

■ 3.9687, 4.6852,
4.1234

■ 81.5873, 89.5708,
90.2239

■ 1.6844, 2.0638,
1.6933

105.8640,
115.8151, 117.4164

■ 0.4465, 0.6441,
0.3561

134.5339,
146.7421, 149.5876

■ 0.0000, 0.0000,
0.0000

167.9623,

182.7361, 187.1560

206.5146,
224.1815, 230.5403

■ 21.1048, 23.7320,
22.8704

■ 21.1048, 23.7320,
22.8704

■ 18.4254, 22.4457,
18.4872

■ 24.1822, 25.2109,
27.9035

■ 16.1259, 21.3411,
14.7259

■ 27.6708, 26.8867,
33.6097

■ 14.1897, 20.4110,
11.5589


■ 31.5857, 28.7672,
40.0133


■ 12.5982, 19.6465,
8.9557


■ 35.9406, 30.8591,
47.1365


■ 11.3312, 19.0379,
6.8832


■ 40.7486, 33.1686,
55.0009


 10.3664, 18.5745,
5.3051


 46.0223, 35.7018,
63.6270


 9.6786, 18.2441,
4.1802

 51.7737, 38.4645,
73.0344

 9.2388, 18.0328,
3.4607

 58.0145, 41.4623,
83.2423

 8.9767, 17.9070,
3.0320

 64.7558, 44.7005,
94.2690

Harmonies

Analogous

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



21.8192, 23.7320, 21.3292



21.1048, 23.7320, 22.8704



20.7804, 23.7320, 25.2920

Triad

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



21.1048, 23.7320, 22.8704



22.3643, 23.7320, 31.4269



24.2753, 23.7320, 23.7632

Complementary

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



21.1048, 23.7320, 22.8704



22.1664, 21.7924, 26.7062

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.



24.4312, 23.7320, 26.3961



21.1048, 23.7320, 22.8704



23.3103, 23.7320, 30.9461

Square

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



21.1048, 23.7320, 22.8704



21.4943, 23.7320, 30.3276



24.0734, 23.7320, 29.0564



23.6533, 23.7320, 21.8186

Rectangle

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



21.1048, 23.7320, 22.8704



20.8222, 23.7320, 27.1298



24.0734, 23.7320, 29.0564



24.3846, 23.7320, 24.5920

Sweetspot

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



21.1055, 23.7330, 22.8709



40.8426, 43.9637, 45.9420



22.9649, 24.6916, 22.9579



9.0684, 9.8165, 10.1535



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.1055, 23.7330, 22.8709



36.5377, 41.8958, 38.9005



21.5006, 23.8911, 24.9517



4.9719, 5.6082, 5.3728



8.3329, 16.6657, 2.7776



0.0554, 0.1107, 0.0185

Inverse Universe

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



22.1664, 21.7924, 26.7062



38.9362, 37.5086, 47.5708



21.7477, 21.6249, 24.5013



5.2339, 5.1290, 6.3200



13.8158, 6.6365, 22.5983



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 21.1048, 23.7320, 22.8704 looks on a white background.

Color Contrast Check

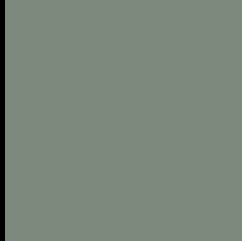
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1048, 23.7320, 22.8704 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

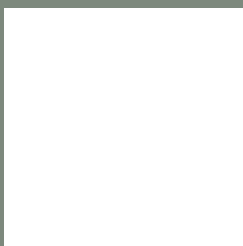
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1048, 23.7320, 22.8704

Background



This preview shows how black text looks on a background with the XYZ color 21.1048, 23.7320, 22.8704.



This preview shows how white text looks on a background with the XYZ color 21.1048, 23.7320,

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

21.1048, 23.7320, 22.8704

Protanopia

22.4439, 23.6084, 22.1128

Deuteranopia

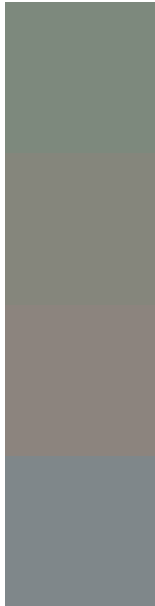
24.0754, 23.6224, 23.3693



Tritanopia

22.5380, 23.6837, 30.1716

Trichromacy



Original Color

21.1048, 23.7320, 22.8704

Protanomaly

21.8361, 23.4920, 22.4523

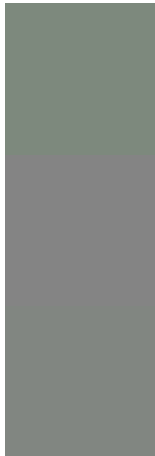
Deuteranomaly

22.8324, 23.5843, 23.0875

Tritanomaly

22.0038, 23.6749, 27.4548

Monochromacy



Original Color

21.1048, 23.7320, 22.8704

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.5408, 23.3023, 24.1313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1048, 23.7320, 22.8704 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(125, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(125, 137, 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(125, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 137, 125) }
```

Border

The CSS property to change the border of an element to XYZ 21.1048, 23.7320, 22.8704 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(125, 137, 125) }
```


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

```
.border{ border-color:rgb(125, 137, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 137, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 137, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 137, 125);  
box-shadow:4px 4px 4px 4px rgb(125, 137,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1048, 23.7320, 22.8704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 137, 125) }
```

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

```
.background{ background-color: rgb(125,  
137, 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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