

Converting Colors

XYZ(22.2339, 21.4131, 23.5644)

Have a look what the booklet for
XYZ(22.2339, 21.4131, 23.5644)
contains.

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Color

**XYZ(22.2497, 21.3437,
23.7159)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7A81
RGB	143, 122, 129
RGB Percent	56%, 48%, 51%
CMY	0.4392, 0.5216, 0.4941
CMYK	0.00, 0.15, 0.10, 0.44
HSL	340°, 9%, 52%
HSV	340°, 15%, 56%
XYZ	22.2497, 21.3437, 23.7159
YIQ	129.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

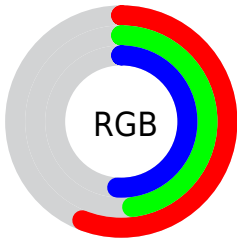
Format	Color
R _Y B	143, 122, 129
Decimal	9403009
CIE Lab	53.32, 9.34, -0.81
CIE LCh	53, 9.379, 355.040
Yxy	21.3437, 0.3306, 0.3171
Android (android.graphics.Color)	4287593089 (0xFF8F7A81)
YUV	129.0770, -0.0380, 12.2105
Hunter-Lab	46.1992, 5.1175, 1.9036

Details

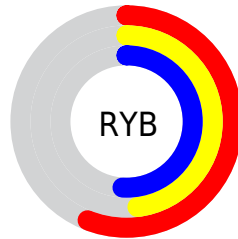
The XYZ color **22.2497, 21.3437, 23.7159** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2933, 25.5607, 27.0526**, and the grayscale version is **20.8913, 21.9793, 23.9355**.

A 20% lighter version of the original color is **46.6055, 45.5198, 50.5858**, and **8.3447, 7.6714, 8.6303** is the 20% darker color. If you saturate the color by 10%, you get **20.0170, 17.8455, 19.9894**, and if you desaturate by 10%, it is **24.8011, 25.3842, 27.8410**.

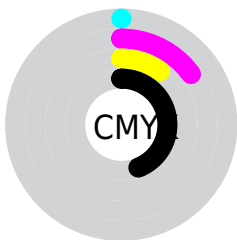
Distribution



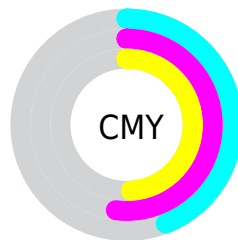
- Red (56%)
- Green (48%)
- Blue (51%)



- Red (56%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2497, 21.3437, 23.7159 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 22.2497, 21.3437, 23.7159 by changing the saturation by 10% instead.

■ 22.2497, 21.3437,
23.7159

■ 22.2497, 21.3437,
23.7159

256.4554,
259.0995, 284.6212

■ 14.1581, 13.3755,
14.9128

■ 46.6341, 45.6588,
50.5042

■ 8.3132, 7.6876,
8.6122

■ 63.6577, 62.7746,
69.3264

■ 4.3495, 3.8957,
4.3958

■ 84.3893, 83.7082,
92.3255

■ 1.9017, 1.6154,
1.8449

109.1943,
108.8442, 119.9198

■ 0.5778, 0.3679,
0.4573

138.4381,
138.5669, 152.5280

■ 0.0000, 0.0000,
0.0000

172.4859,

173.2608, 190.5686

211.7033,
213.3102, 234.4601

■ 22.2497, 21.3437,
23.7159

■ 22.2497, 21.3437,
23.7159

■ 20.0170, 17.8455,
19.9894

■ 24.8011, 25.3842,
27.8410

■ 18.0884, 14.8637,
16.6479

■ 27.6816, 29.9859,
32.3750

■ 16.4508, 12.3744,
13.6790

■ 30.9032, 35.1703,
37.3294

■ 15.0892, 10.3507,
11.0690

■ 34.4768, 40.9569,
42.7152

■ 13.9876, 8.7632,
8.8034

■ 38.4128, 47.3642,
48.5425

■ 13.1278, 7.5790,
6.8665

■ 42.7211, 54.4100,
54.8214

■ 12.4895, 6.7605,
5.2413

■ 47.4114, 62.1114,
61.5614

■ 12.0466, 6.2593,
3.9081

■ 52.4929, 70.4849,
68.7720

■ 11.8542, 6.0503,
3.3021

■ 57.9744, 79.5461,
76.4623

Harmonies

Analogous

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



21.8926, 21.3437, 26.5174



22.2497, 21.3437, 23.7159



22.0669, 21.3437, 21.0003

Triad

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



22.2497, 21.3437, 23.7159



19.4888, 21.3437, 18.6272



19.2116, 21.3437, 28.0176

Complementary

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



22.2497, 21.3437, 23.7159



22.2933, 25.5607, 27.0526

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.



18.6046, 21.3437, 25.6328



22.2497, 21.3437, 23.7159



18.7610, 21.3437, 20.2438

Square

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



22.2497, 21.3437, 23.7159



20.4522, 21.3437, 18.2045



18.4424, 21.3437, 22.7698



20.1218, 21.3437, 29.1269

Rectangle

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



22.2497, 21.3437, 23.7159



21.6665, 21.3437, 19.5796



18.4424, 21.3437, 22.7698



18.9665, 21.3437, 27.3296

Sweetspot

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



22.2503, 21.3446, 23.7164



44.7065, 45.9234, 50.3236



22.0716, 21.1375, 28.9036



10.1745, 10.4076, 11.4165



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.2503, 21.3446, 23.7164



38.3027, 35.7971, 39.9224



22.2384, 22.0399, 21.4955



5.4784, 5.4519, 6.0172



10.4902, 5.3531, 2.9668



0.1097, 0.0550, 0.0780

Inverse Universe

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



22.2503, 21.3446, 23.7164



38.3027, 35.7971, 39.9224



22.2899, 24.7318, 29.5859



5.4784, 5.4519, 6.0172



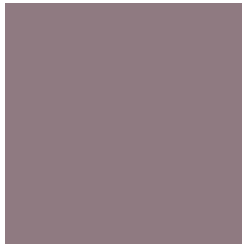
10.4902, 5.3531, 2.9668



0.1097, 0.0550, 0.0780

Previews

White Background



This preview shows how the XYZ color 22.2497, 21.3437, 23.7159 looks on a white background.

Color Contrast Check

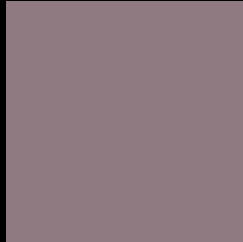
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2497, 21.3437, 23.7159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

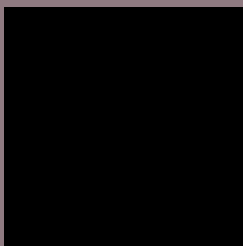
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2497, 21.3437, 23.7159

Background



This preview shows how black text looks on a background with the XYZ color 22.2497, 21.3437, 23.7159.



This preview shows how white text looks on a background with the XYZ color 22.2497, 21.3437,

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

22.2497, 21.3437, 23.7159

Protanopia

20.6563, 21.4339, 24.8782

Deuteranopia

21.6929, 21.2399, 23.7252



Tritanopia

22.3840, 21.3974, 24.4231

Trichromacy



Original Color

22.2497, 21.3437, 23.7159

Protanomaly

21.1032, 21.2925, 24.4703

Deuteranomaly

21.8606, 21.3263, 23.7331

Tritanomaly

22.3165, 21.3704, 24.0678

Monochromacy



Original Color

22.2497, 21.3437, 23.7159

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2548, 21.5750, 23.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2497, 21.3437, 23.7159 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(143, 122, 129) looks like.

```
.text, #text, p{  
    color:rgb(143, 122, 129)  
}
```

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(143, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 122, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.2497, 21.3437, 23.7159 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(143, 122, 129) }
```


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

```
.border{ border-color:rgb(143, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(143, 122,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2497, 21.3437, 23.7159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 122, 129) }
```

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

```
.background{ background-color: rgb(143,  
122, 129) }
```

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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