

Converting Colors

XYZ(25.3327, 21.3979, 22.1971)

Have a look what the booklet for
XYZ(25.3327, 21.3979, 22.1971)
contains.

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Color

**XYZ(25.3327, 21.3979,
22.1971)**

Conversions

Conversions Part 1

Format	Color
Hex	A6717D
RGB	166, 113, 125
RGB Percent	65%, 44%, 49%
CMY	0.3490, 0.5568, 0.5098
CMYK	0.00, 0.32, 0.25, 0.35
HSL	346°, 23%, 55%
HSV	346°, 32%, 65%
XYZ	25.3327, 21.3979, 22.1971
YIQ	130.2150, 27.7360, 14.9680

Conversions

Conversions Part 2

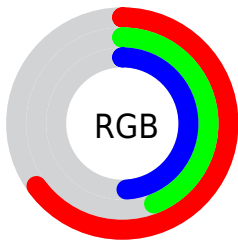
Format	Color
RYB	166, 113, 125
Decimal	10908029
CIELab	53.38, 22.71, 1.92
CIElCh	53, 22.793, 4.822
Yxy	21.3979, 0.3675, 0.3104
Android (android.graphics.Color)	4289098109 (0xFFA6717D)
YUV	130.2150, -2.5710, 31.3834
Hunter-Lab	46.2579, 16.8026, 3.9299

Details

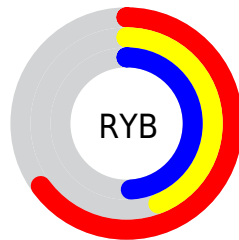
The XYZ color **25.3327, 21.3979, 22.1971** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2799, 33.1168, 35.5805**, and the grayscale version is **21.2966, 22.4057, 24.3998**.

A 20% lighter version of the original color is **51.6152, 45.6542, 48.2112**, and **9.9480, 7.6993, 7.7993** is the 20% darker color. If you saturate the color by 10%, you get **22.8793, 17.7201, 17.5900**, and if you desaturate by 10%, it is **28.2322, 25.7976, 27.4767**.

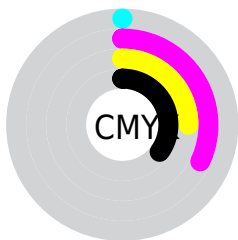
Distribution



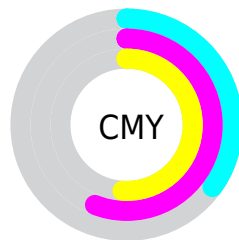
- Red (65%)
- Green (44%)
- Blue (49%)



- Red (65%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3327, 21.3979, 22.1971 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 25.3327, 21.3979, 22.1971 by changing the saturation by 10% instead.


 25.3327, 21.3979,
22.1971

 25.3327, 21.3979,
22.1971


271.8080,
259.3856, 276.5609


 16.4552, 13.4152,
13.8021


 51.6355, 45.7488,
47.9779


 9.9397, 7.7150,
7.8460


 69.7914, 62.8858,
66.2008

 5.4209, 3.9132,
3.9102

 91.7708, 83.8430,
88.5367

 2.5336, 1.6251,
1.5762

 117.9391,
109.0047, 115.4042

 0.9122, 0.3744,
0.2738

148.6616,
138.7555, 147.2218

 0.0000, 0.0000,
0.0000

184.3037,

173.4796, 184.4081

225.2307,
213.5615, 227.3816

■ 25.3327, 21.3979,
22.1971

■ 25.3327, 21.3979,
22.1971

■ 22.8793, 17.7201,
17.5900

■ 28.2322, 25.7976,
27.4767

■ 20.8476, 14.7226,
13.6268

■ 31.5968, 30.9520,
33.4534

■ 19.2137, 12.3642,
10.2784


■ 35.4467, 36.8953,
40.1520


■ 17.9504, 10.5980,
7.5132


■ 39.8004, 43.6588,
47.5958


■ 17.0270, 9.3704,
5.2965


■ 44.6753, 51.2722,
55.8069


 16.4075, 8.6183,
3.5893

 50.0880, 59.7636,
64.8067

 16.0690, 8.2443,
2.5426

 56.0544, 69.1599,
74.6154

 62.5897, 79.4866,
85.2528

 67.3007, 85.9529,
95.9352

Harmonies

Analogous

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



24.8434, 21.3979, 29.4364



25.3327, 21.3979, 22.1971



24.3995, 21.3979, 16.4912

Triad

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



25.3327, 21.3979, 22.1971



17.7965, 21.3979, 13.9865



18.4231, 21.3979, 37.5491

Complementary

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



25.3327, 21.3979, 22.1971



26.2799, 33.1168, 35.5805

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.



16.7544, 21.3979, 31.7610



25.3327, 21.3979, 22.1971



16.4132, 21.3979, 18.0796

Square

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



25.3327, 21.3979, 22.1971



19.9497, 21.3979, 12.3880



16.0473, 21.3979, 24.4361



20.7314, 21.3979, 39.2487

Rectangle

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



25.3327, 21.3979, 22.1971



23.1366, 21.3979, 14.0204



16.0473, 21.3979, 24.4361



17.7748, 21.3979, 35.9676

Sweetspot

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



25.3333, 21.3989, 22.1975



58.4961, 57.9465, 62.7340



26.0455, 21.3986, 38.8342



12.8895, 12.6583, 13.6866



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.3333, 21.3989, 22.1975



42.8717, 34.1711, 34.4861



26.3139, 24.5134, 18.9687



7.5981, 7.5691, 8.2007



12.4759, 6.3991, 2.0519



0.3220, 0.1631, 0.1471

Inverse Universe

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



25.3333, 21.3989, 22.1975



42.8717, 34.1711, 34.4861



24.9004, 28.6778, 40.2996



7.5981, 7.5691, 8.2007



12.4759, 6.3991, 2.0519



0.3220, 0.1631, 0.1471

Previews

White Background



This preview shows how the XYZ color 25.3327, 21.3979, 22.1971 looks on a white background.

Color Contrast Check

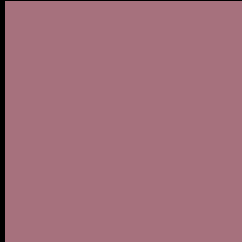
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3327, 21.3979, 22.1971 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 25.3327, 21.3979, 22.1971

Background



This preview shows how black text looks on a background with the XYZ color 25.3327, 21.3979, 22.1971.



This preview shows how white text looks on a background with the XYZ color 25.3327, 21.3979,

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

25.3327, 21.3979, 22.1971

Protanopia

20.8763, 21.5393, 25.2475

Deuteranopia

21.9381, 21.5961, 21.7511



Tritanopia

25.1439, 21.3224, 21.2028

Trichromacy



Original Color

25.3327, 21.3979, 22.1971

Protanomaly

22.1441, 21.2816, 24.0597

Deuteranomaly

23.1171, 21.4675, 21.9940

Tritanomaly

25.2062, 21.3473, 21.5308

Monochromacy



Original Color

25.3327, 21.3979, 22.1971

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4316, 21.8135, 23.4502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3327, 21.3979, 22.1971 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(166, 113, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 113, 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(166, 113, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 113, 125) }
```

Border

The CSS property to change the border of an element to XYZ 25.3327, 21.3979, 22.1971 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(166, 113, 125) }
```


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

```
.border{ border-color:rgb(166, 113, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 113, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 113, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 113, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 113,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3327, 21.3979, 22.1971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 113, 125) }
```

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

```
.background{ background-color: rgb(166,  
113, 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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