

Converting Colors

XYZ(24.8400, 21.3323, 21.2207)

Have a look what the booklet for
XYZ(24.8400, 21.3323, 21.2207)
contains.

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Color

**XYZ(24.8400, 21.3323,
21.2207)**

Conversions

Conversions Part 1

Format	Color
Hex	A4727A
RGB	164, 114, 122
RGB Percent	64%, 45%, 48%
CMY	0.3569, 0.5529, 0.5216
CMYK	0.00, 0.30, 0.26, 0.36
HSL	350°, 22%, 55%
HSV	350°, 30%, 64%
XYZ	24.8400, 21.3323, 21.2207
YIQ	129.8620, 27.2320, 13.0880

Conversions

Conversions Part 2

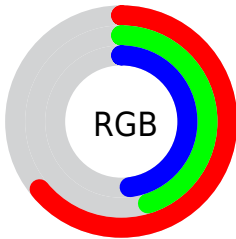
Format	Color
R_{YB}	164, 114, 122
Decimal	10777210
CIE _{Lab}	53.31, 20.92, 3.55
CIE _{LCh}	53, 21.217, 9.619
Yxy	21.3323, 0.3686, 0.3165
Android (android.graphics.Color)	4288967290 (0xFFA4727A)
YUV	129.8620, -3.8760, 29.9390
Hunter-Lab	46.1869, 15.1729, 5.0899

Details

The XYZ color **24.8400, 21.3323, 21.2207** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.2165, 32.5291, 36.3511**, and the grayscale version is **21.1764, 22.2792, 24.2620**.

A 20% lighter version of the original color is **50.7914, 45.5441, 46.1583**, and **9.6484, 7.6411, 7.2697** is the 20% darker color. If you saturate the color by 10%, you get **22.3593, 17.6415, 16.4766**, and if you desaturate by 10%, it is **27.7746, 25.7368, 26.7137**.

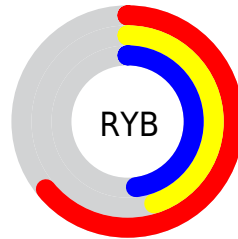
Distribution



Red (64%)

Green (45%)

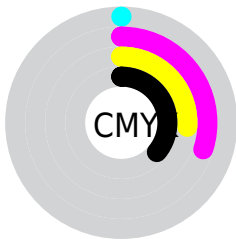
Blue (48%)



Red (64%)

Yellow (45%)

Blue (48%)

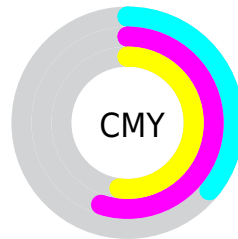


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8400, 21.3323, 21.2207 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 24.8400, 21.3323, 21.2207 by changing the saturation by 10% instead.

■ 24.8400, 21.3323,
21.2207

■ 24.8400, 21.3323,
21.2207

269.4026,
259.0392, 271.2685

■ 16.0860, 13.3671,
13.0926

■ 50.8423, 45.6399,
46.3401

■ 9.6763, 7.6818,
7.3609

■ 68.8213, 62.7512,
64.1685

■ 5.2454, 3.8920,
3.6069

■ 90.6060, 83.6799,
86.0674

■ 2.4282, 1.6134,
1.4123

■ 116.5618,
108.8104, 112.4554

■ 0.8592, 0.3666,
0.1513

147.0540,
138.5272, 143.7509

■ 0.0000, 0.0000,
0.0000

182.4479,

173.2147, 180.3726

223.1090,
213.2573, 222.7390

■ 24.8400, 21.3323,
21.2207

■ 24.8400, 21.3323,
21.2207

■ 22.3593, 17.6415,
16.4766

■ 27.7746, 25.7368,
26.7137

■ 20.3080, 14.6240,
12.4475

■ 31.1824, 30.8869,
32.9848

■ 18.6618, 12.2398,
9.0988


■ 35.0840, 36.8158,
40.0634


■ 17.3934, 10.4436,
6.3925


■ 39.4980, 43.5542,
47.9768

■ 16.4718, 9.1839,
4.2867


■ 44.4422, 51.1309,
56.7511


 15.8612, 8.4002,
2.7345

 49.9333, 59.5735,
66.4113

 15.4989, 7.9681,
1.7120

 55.9876, 68.9080,
76.9813

 62.6204, 79.1596,
88.4841

 67.7034, 86.0659,
100.2274

Harmonies

Analogous

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



24.6007, 21.3323, 27.8077



24.8400, 21.3323, 21.2207



23.7886, 21.3323, 16.1975

Triad

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



24.8400, 21.3323, 21.2207



17.6439, 21.3323, 14.9412



18.8082, 21.3323, 36.8617

Complementary

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



24.8400, 21.3323, 21.2207



26.2165, 32.5291, 36.3511

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.



17.1269, 21.3323, 32.0433



24.8400, 21.3323, 21.2207



16.4899, 21.3323, 19.1796

Square

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



24.8400, 21.3323, 21.2207



19.5624, 21.3323, 13.0401



16.3079, 21.3323, 25.3565



21.0061, 21.3323, 37.6848

Rectangle

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



24.8400, 21.3323, 21.2207



22.5399, 21.3323, 14.1057



16.3079, 21.3323, 25.3565



18.1685, 21.3323, 35.6183

Sweetspot

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



24.8406, 21.3333, 21.2211



57.4813, 57.3990, 61.4789



26.3647, 21.7507, 37.9308



12.3636, 12.2409, 13.0701



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.8406, 21.3333, 21.2211



41.7618, 33.7653, 32.1767



26.4194, 25.2515, 19.4025



7.1178, 7.1036, 7.6069



11.8960, 6.1144, 1.3769



0.2623, 0.1334, 0.0939

Inverse Universe

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



24.8406, 21.3333, 21.2211



41.7618, 33.7653, 32.1767



24.1267, 27.2298, 39.1063



7.1178, 7.1036, 7.6069



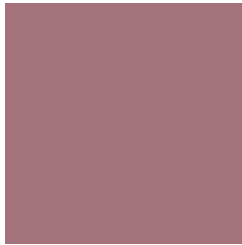
11.8960, 6.1144, 1.3769



0.2623, 0.1334, 0.0939

Previews

White Background



This preview shows how the XYZ color 24.8400, 21.3323, 21.2207 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 24.8400, 21.3323, 21.2207 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 24.8400, 21.3323, 21.2207

Background



This preview shows how black text looks on a background with the XYZ color 24.8400, 21.3323, 21.2207.



This preview shows how white text looks on a background with the XYZ color 24.8400, 21.3323,

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

24.8400, 21.3323, 21.2207

Protanopia

20.6051, 21.4308, 23.8194

Deuteranopia

21.8008, 21.3616, 20.7435



Tritanopia

24.9023, 21.3572, 21.5487

Trichromacy



Original Color

24.8400, 21.3323, 21.2207

Protanomaly

21.8808, 21.1762, 22.6728

Deuteranomaly

22.9302, 21.3927, 21.0098

Tritanomaly

24.9023, 21.3572, 21.5487

Monochromacy



Original Color

24.8400, 21.3323, 21.2207

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1937, 21.6984, 23.0971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8400, 21.3323, 21.2207 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(164, 114, 122)` looks like.

```
.text, #text, p{  
    color:rgb(164, 114, 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(164, 114, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 114, 122) }
```

Border

The CSS property to change the border of an element to XYZ 24.8400, 21.3323, 21.2207 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(164, 114, 122) }
```


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

```
.border{ border-color:rgb(164, 114, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 114, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 114, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 114, 122);  
box-shadow:4px 4px 4px 4px rgb(164, 114,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8400, 21.3323, 21.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 114, 122) }
```

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

```
.background{ background-color: rgb(164,  
114, 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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