

Converting Colors

XYZ(24.7892, 22.3376, 21.7517)

Have a look what the booklet for
XYZ(24.7892, 22.3376, 21.7517)
contains.

XYZ(24.7888, 22.3366, 21.7438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.7888, 22.3366,
21.7438)**

Conversions

Conversions Part 1

Format	Color
Hex	A0787B
RGB	160, 120, 123
RGB Percent	63%, 47%, 48%
CMY	0.3725, 0.5294, 0.5176
CMYK	0.00, 0.25, 0.23, 0.37
HSL	356°, 17%, 55%
HSV	356°, 25%, 63%
XYZ	24.7888, 22.3366, 21.7438
YIQ	132.3020, 22.8770, 9.4130

Conversions

Conversions Part 2

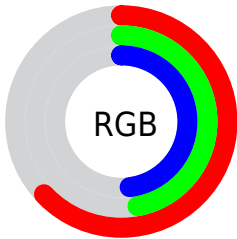
Format	Color
R_{YB}	160, 120, 123
Decimal	10516603
CIE _{Lab}	54.38, 16.08, 4.45
CIE _{LCh}	54, 16.686, 15.457
Yxy	22.3366, 0.3599, 0.3243
Android (android.graphics.Color)	4288706683 (0xFFA0787B)
YUV	132.3020, -4.5859, 24.2911
Hunter-Lab	47.2616, 10.9157, 5.8054

Details

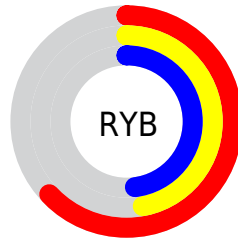
The XYZ color **24.7888, 22.3366, 21.7438** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4032, 31.5694, 36.6017**, and the grayscale version is **22.0519, 23.2003, 25.2652**.

A 20% lighter version of the original color is **50.5147, 47.0473, 46.9761**, and **9.6736, 8.1890, 7.5494** is the 20% darker color. If you saturate the color by 10%, you get **22.1654, 18.4620, 16.6385**, and if you desaturate by 10%, it is **27.8751, 26.9124, 27.6951**.

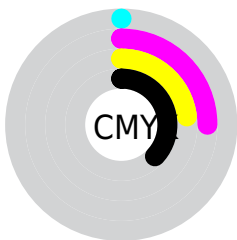
Distribution



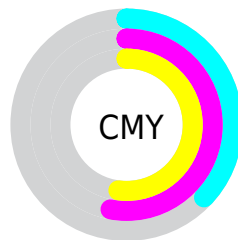
- Red (63%)
- Green (47%)
- Blue (48%)



- Red (63%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (25%)
- Yellow (23%)
- Black (37%)



- Cyan (37%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7888, 22.3366, 21.7438 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 24.7888, 22.3366, 21.7438 by changing the saturation by 10% instead.

■ 24.7888, 22.3366,
21.7438

■ 24.7888, 22.3366,
21.7438

269.1516,
264.2991, 274.1151

■ 16.0477, 14.1044,
13.4723

■ 50.7598, 47.3017,
47.2189

■ 9.6490, 8.1933,
7.6200

■ 68.7203, 64.8034,
65.2596

■ 5.2273, 4.2189,
3.7685

■ 90.4847, 86.1638,
87.3937

■ 2.4174, 1.7968,
1.4992

116.4182,
111.7672, 114.0399

■ 0.8538, 0.4852,
0.2174

146.8863,
141.9980, 145.6165

■ 0.0000, 0.0000,
0.0000

182.2544,

177.2407, 182.5423

222.8877,
217.8796, 225.2356

■ 24.7888, 22.3366,
21.7438

■ 24.7888, 22.3366,
21.7438

■ 22.1654, 18.4620,
16.6385

■ 27.8751, 26.9124,
27.6951

■ 19.9808, 15.2511,
12.3394

■ 31.4432, 32.2183,
34.5270

■ 18.2115, 12.6675,
8.8058


■ 35.5132, 38.2854,
42.2737


■ 16.8312, 10.6702,
5.9926


■ 40.1034, 45.1422,
50.9672


■ 15.8104, 9.2132,
3.8502


■ 45.2313, 52.8157,
60.6380


 15.1155, 8.2436,
2.3226


 50.9136, 61.3313,
71.3152

 14.7050, 7.6957,
1.3442

 57.1663, 70.7137,
83.0267

 14.5635, 7.5001,
1.0275

 64.0045, 80.9865,
95.7994

 68.3072, 86.2136,
107.6485

Harmonies

Analogous

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



24.8048, 22.3366, 26.9281



24.7888, 22.3366, 21.7438



23.7835, 22.3366, 17.8482

Triad

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



24.7888, 22.3366, 21.7438



18.8302, 22.3366, 17.9404



20.3627, 22.3366, 35.3817

Complementary

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



24.7888, 22.3366, 21.7438



26.4032, 31.5694, 36.6017

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.



18.8666, 22.3366, 32.1948



24.7888, 22.3366, 21.7438



18.0168, 22.3366, 21.8874

Square

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



24.7888, 22.3366, 21.7438



20.3103, 22.3366, 15.8760



18.0297, 22.3366, 27.0937



22.1776, 22.3366, 35.3286

Rectangle

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



24.7888, 22.3366, 21.7438



22.7189, 22.3366, 16.2886



18.0297, 22.3366, 27.0937



19.8081, 22.3366, 34.6359

Sweetspot

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



24.7894, 22.3376, 21.7443



55.6315, 56.3254, 59.9020



26.9019, 23.1067, 36.2999



12.1218, 12.2354, 12.9863



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.7894, 22.3376, 21.7443



42.2504, 36.4786, 34.1223



26.7863, 26.6272, 21.4984



6.6522, 6.6538, 7.0198



11.3518, 5.8453, 0.8375



0.2082, 0.1066, 0.0425

Inverse Universe

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



24.7894, 22.3376, 21.7443



42.2504, 36.4786, 34.1223



23.9643, 26.2771, 37.0667



6.6522, 6.6538, 7.0198



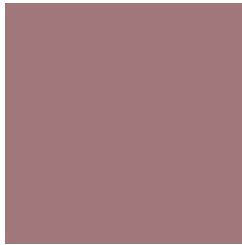
11.3518, 5.8453, 0.8375



0.2082, 0.1066, 0.0425

Previews

White Background



This preview shows how the XYZ color 24.7888, 22.3366, 21.7438 looks on a white background.

Color Contrast Check

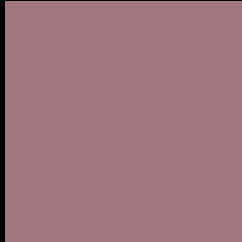
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7888, 22.3366, 21.7438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

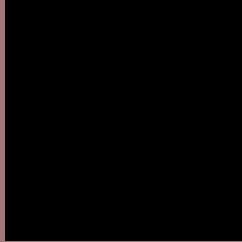
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7888, 22.3366, 21.7438

Background



This preview shows how black text looks on a background with the XYZ color 24.7888, 22.3366, 21.7438.



This preview shows how white text looks on a background with the XYZ color 24.7888, 22.3366,

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

24.7888, 22.3366, 21.7438

Protanopia

21.5518, 22.5103, 23.6311

Deuteranopia

22.8278, 22.4378, 21.5401



Tritanopia

25.1910, 22.3292, 23.4043

Trichromacy



Original Color

24.7888, 22.3366, 21.7438

Protanomaly

22.5544, 22.2677, 22.8480

Deuteranomaly

23.4830, 22.3998, 21.4983

Tritanomaly

25.0607, 22.2771, 22.7177

Monochromacy



Original Color

24.7888, 22.3366, 21.7438

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8369, 22.7741, 23.9611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7888, 22.3366, 21.7438 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(160, 120, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 120, 123)  
}
```

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(160, 120, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 120, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.7888, 22.3366, 21.7438 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(160, 120, 123) }
```


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

```
.border{ border-color:rgb(160, 120, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 120, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 120, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 120, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 120,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7888, 22.3366, 21.7438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 120, 123) }
```

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

```
.background{ background-color: rgb(160,  
120, 123) }
```

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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