

Converting Colors

XYZ(24.7289, 22.1182, 24.9644)

Have a look what the booklet for
XYZ(24.7289, 22.1182, 24.9644)
contains.

XYZ(24.6663, 22.0277, 24.7815)	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(24.6663, 22.0277,
24.7815)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7784
RGB	157, 119, 132
RGB Percent	62%, 47%, 52%
CMY	0.3843, 0.5333, 0.4823
CMYK	0.00, 0.24, 0.16, 0.38
HSL	339°, 16%, 54%
HSV	339°, 24%, 62%
XYZ	24.6663, 22.0277, 24.7815
YIQ	131.8440, 18.4750, 12.0990

Conversions

Conversions Part 2

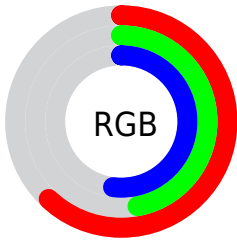
Format	Color
R _Y B	157, 119, 132
Decimal	10319748
CIE Lab	54.06, 16.96, -1.32
CIE LCh	54, 17.012, 355.538
Yxy	22.0277, 0.3451, 0.3082
Android (android.graphics.Color)	4288509828 (0xFF9D7784)
YUV	131.8440, 0.0769, 22.0618
Hunter-Lab	46.9337, 11.6779, 1.5478

Details

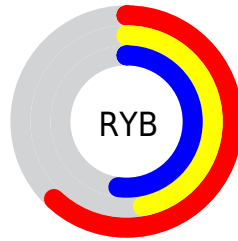
The XYZ color **24.6663, 22.0277, 24.7815** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.6997, 30.0500, 30.8854**, and the grayscale version is **21.8715, 23.0106, 25.0585**.

A 20% lighter version of the original color is **50.4712, 46.6257, 52.2385**, and **9.5772, 8.0081, 9.2246** is the 20% darker color. If you saturate the color by 10%, you get **22.2777, 18.3262, 20.6688**, and if you desaturate by 10%, it is **27.4348, 26.3765, 29.3667**.

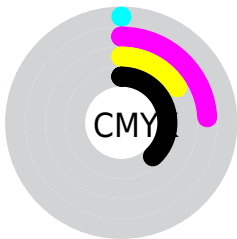
Distribution



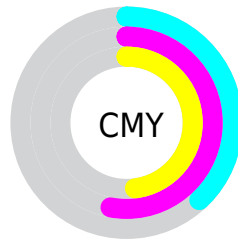
- Red (62%)
- Green (47%)
- Blue (52%)



- Red (62%)
- Yellow (47%)
- Blue (52%)



- Cyan (0%)
- Magenta (24%)
- Yellow (16%)
- Black (38%)



- Cyan (38%)
- Magenta (53%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.6663, 22.0277, 24.7815 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 24.6663, 22.0277, 24.7815 by changing the saturation by 10% instead.


 24.6663, 22.0277,
24.7815


 24.6663, 22.0277,
24.7815


268.5504,
262.6909, 290.1608


 15.9560, 13.8773,
15.6968


 50.5621, 46.7918,
52.2622

 9.5837, 8.0353,
9.1578


 68.4784, 64.1742,
71.4954

 5.1839, 4.1176,
4.7461

 90.1941, 85.4027,
94.9484

 2.3915, 1.7395,
2.0429

116.0745,
110.8618, 123.0399

 0.8409, 0.4491,
0.5815

146.4849,
140.9357, 156.1883

 0.0000, 0.0000,
0.0000

181.7908,

176.0089, 194.8122

222.3575,
216.4659, 239.3302

■ 24.6663, 22.0277,
24.7815

■ 24.6663, 22.0277,
24.7815

■ 22.2777, 18.3262,
20.6688

■ 27.4348, 26.3765,
29.3667

■ 20.2501, 15.2380,
17.0115

■ 30.5974, 31.3987,
34.4380

■ 18.5654, 12.7303,
13.7935

■ 34.1698, 37.1224,
40.0101

■ 17.2034, 10.7661,
10.9970

■ 38.1664, 43.5734,
46.0966

■ 16.1416, 9.3043,
8.6029

■ 42.6007, 50.7760,
52.7106

■ 15.3544, 8.2975,
6.5903

■ 47.4857, 58.7536,
59.8647

■ 14.8110, 7.6888,
4.9359

■ 52.8338, 67.5283,
67.5711

■ 14.5636, 7.4317,
4.1204

■ 58.6569, 77.1216,
75.8415

■ 63.2511, 84.1227,
84.1155

Harmonies

Analogous

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



23.9918, 22.0277, 30.1880



24.6663, 22.0277, 24.7815



24.2945, 22.0277, 19.8755

Triad

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



24.6663, 22.0277, 24.7815



19.4479, 22.0277, 15.9533



18.9975, 22.0277, 33.3478

Complementary

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



24.6663, 22.0277, 24.7815



24.6997, 30.0500, 30.8854

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.



17.9034, 22.0277, 28.6239



24.6663, 22.0277, 24.7815



18.1526, 22.0277, 18.6949

Square

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



24.6663, 22.0277, 24.7815



21.2132, 22.0277, 15.2334



17.6033, 22.0277, 23.2046



20.6626, 22.0277, 35.5728

Rectangle

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



24.6663, 22.0277, 24.7815



23.5143, 22.0277, 17.4543



17.6033, 22.0277, 23.2046



18.5547, 22.0277, 31.9686

Sweetspot

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



24.6669, 22.0287, 24.7820



53.0604, 53.4654, 58.9189



24.1327, 21.5314, 34.7825



11.6085, 11.6580, 12.8577



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6669, 22.0287, 24.7820



41.8012, 35.7587, 40.3325



24.5309, 23.0924, 20.6184



6.7220, 6.6817, 7.3873



11.8442, 6.0423, 3.4307



0.2306, 0.1156, 0.1604

Inverse Universe

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



24.6669, 22.0287, 24.7820



41.8012, 35.7587, 40.3325



24.8092, 28.5868, 36.1087



6.7220, 6.6817, 7.3873



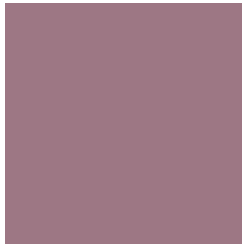
11.8442, 6.0423, 3.4307



0.2306, 0.1156, 0.1604

Previews

White Background



This preview shows how the XYZ color 24.6663, 22.0277, 24.7815 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 24.6663, 22.0277, 24.7815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

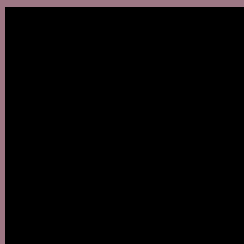
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6663, 22.0277, 24.7815

Background



This preview shows how black text looks on a background with the XYZ color 24.6663, 22.0277, 24.7815.



This preview shows how white text looks on a background with the XYZ color 24.6663, 22.0277,

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

24.6663, 22.0277, 24.7815

Protanopia

21.4910, 22.2026, 27.1976

Deuteranopia

22.4149, 21.9686, 24.5317



Tritanopia

24.5835, 22.1860, 23.7555

Trichromacy



Original Color

24.6663, 22.0277, 24.7815

Protanomaly

22.4250, 21.9338, 26.3443

Deuteranomaly

23.2123, 22.0077, 24.4972

Tritanomaly

24.6504, 22.2127, 24.1074

Monochromacy



Original Color

24.6663, 22.0277, 24.7815

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.7387, 22.5074, 24.9757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6663, 22.0277, 24.7815 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(157, 119, 132)` looks like.

```
.text, #text, p{  
    color:rgb(157, 119, 132)  
}
```

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(157, 119, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 119, 132) }
```

Border

The CSS property to change the border of an element to XYZ 24.6663, 22.0277, 24.7815 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(157, 119, 132) }
```


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

```
.border{ border-color:rgb(157, 119, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 119, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 119, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 119, 132);  
box-shadow:4px 4px 4px 4px rgb(157, 119,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6663, 22.0277, 24.7815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 119, 132) }
```

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

```
.background{ background-color: rgb(157,  
119, 132) }
```

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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