

Converting Colors

XYZ(28.7221, 24.9319, 26.9887)

Have a look what the booklet for
XYZ(28.7221, 24.9319, 26.9887)
contains.

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Color

**XYZ(28.7363, 24.9921,
26.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7C89
RGB	172, 124, 137
RGB Percent	67%, 49%, 54%
CMY	0.3255, 0.5137, 0.4627
CMYK	0.00, 0.28, 0.20, 0.33
HSL	344°, 22%, 58%
HSV	344°, 28%, 67%
XYZ	28.7363, 24.9921, 26.9763
YIQ	139.8340, 24.4350, 14.2190

Conversions

Conversions Part 2

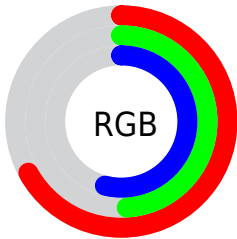
Format	Color
RYB	172, 124, 137
Decimal	11304073
CIELab	57.07, 20.64, 0.37
CIELCh	57, 20.640, 1.013
Yxy	24.9921, 0.3561, 0.3097
Android (android.graphics.Color)	4289494153 (0xFFAC7C89)
YUV	139.8340, -1.3972, 28.2096
Hunter-Lab	49.9921, 15.1186, 3.0009

Details

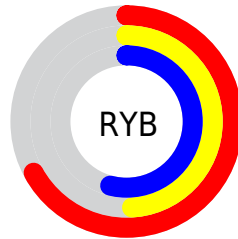
The XYZ color **28.7363, 24.9921, 26.9763** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.3238, 36.2940, 38.2626**, and the grayscale version is **24.8620, 26.1568, 28.4847**.

A 20% lighter version of the original color is **57.0113, 51.6560, 55.6810**, and **11.8441, 9.6422, 10.2537** is the 20% darker color. If you saturate the color by 10%, you get **25.9178, 20.7122, 21.8529**, and if you desaturate by 10%, it is **32.0367, 30.0681, 32.7770**.

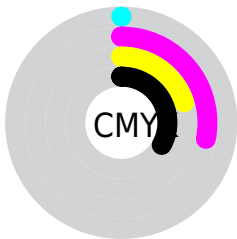
Distribution



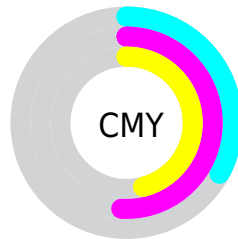
- Red (67%)
- Green (49%)
- Blue (54%)



- Red (67%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7363, 24.9921, 26.9763 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 28.7363, 24.9921, 26.9763 by changing the saturation by 10% instead.

 28.7363, 24.9921,
26.9763


 28.7363, 24.9921,
26.9763


287.9854,
277.7986, 301.2989


 19.0247, 16.0712,
17.3231


 57.0583, 51.6444,
55.8491

 11.7922, 9.5745,
10.3008


 76.3995, 70.1446,
75.9058

 6.6736, 5.1178,
5.4906


 99.6811, 92.6066,
100.2675

 3.3033, 2.3165,
2.4742

127.2688,
119.4149, 129.3527

 1.3161, 0.7824,
0.8264

159.5276,
150.9539, 163.5798

 0.1952, 0.0000,
0.0000

196.8231,

 0.0000, 0.0000,

187.6079, 203.3676

0.0000

239.5206,
229.7613, 249.1344

■ 28.7363, 24.9921,
26.9763

■ 28.7363, 24.9921,
26.9763

■ 25.9178, 20.7122,
21.8529

■ 32.0367, 30.0681,
32.7770

■ 23.5562, 17.1844,
17.3800

■ 35.8386, 35.9743,
39.2774

■ 21.6270, 14.3659,
13.5312

■ 40.1627, 42.7471,
46.5006

■ 20.1027, 12.2079,
10.2774

■ 45.0281, 50.4195,
54.4685

■ 18.9524, 10.6555,
7.5874

■ 50.4530, 59.0229,
63.2017

■ 18.1405, 9.6449,
5.4264

■ 56.4545, 68.5873,
72.7202

■ 17.6112, 9.0724,
3.7512

■ 63.0492, 79.1412,
83.0431

■ 17.5180, 8.9726,
3.4532

■ 68.1094, 86.4251,
93.4745

■ 70.0105, 87.1856,
103.4857

Harmonies

Analogous

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



28.0780, 24.9921, 34.2220



28.7363, 24.9921, 26.9763



27.9858, 24.9921, 20.8862

Triad

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



28.7363, 24.9921, 26.9763



21.4283, 24.9921, 17.2834



21.5622, 24.9921, 40.6684

Complementary

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



28.7363, 24.9921, 26.9763



29.3238, 36.2940, 38.2626

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.



19.9723, 24.9921, 34.7015



28.7363, 24.9921, 26.9763



19.8988, 24.9921, 21.2316

Square

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



28.7363, 24.9921, 26.9763



23.6717, 24.9921, 15.9103



19.3841, 24.9921, 27.4494



23.8369, 24.9921, 42.8952

Rectangle

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



28.7363, 24.9921, 26.9763



26.8152, 24.9921, 18.0836



19.3841, 24.9921, 27.4494



20.9355, 24.9921, 38.9885

Sweetspot

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



28.7370, 24.9933, 26.9768



64.8406, 64.9886, 70.9580



28.8343, 24.7048, 42.2788



13.8589, 13.7612, 15.0273



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.7370, 24.9933, 26.9768



49.1202, 40.7527, 43.5061



29.2327, 27.3880, 22.8159



8.0910, 8.0497, 8.7901



13.0564, 6.6851, 2.6763



0.3863, 0.1952, 0.1958

Inverse Universe

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



28.7370, 24.9933, 26.9768



49.1202, 40.7527, 43.5061



28.6095, 32.9644, 43.8850



8.0910, 8.0497, 8.7901



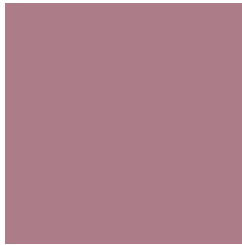
13.0564, 6.6851, 2.6763



0.3863, 0.1952, 0.1958

Previews

White Background



This preview shows how the XYZ color 28.7363, 24.9921, 26.9763 looks on a white background.

Color Contrast Check

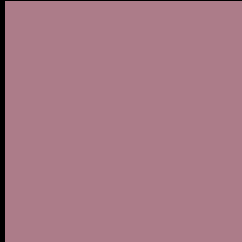
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7363, 24.9921, 26.9763 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 28.7363, 24.9921, 26.9763

Background



This preview shows how black text looks on a background with the XYZ color 28.7363, 24.9921, 26.9763.



This preview shows how white text looks on a background with the XYZ color 28.7363, 24.9921,

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

28.7363, 24.9921, 26.9763

Protanopia

24.3194, 25.0252, 29.9341

Deuteranopia

25.5232, 25.1036, 26.4219



Tritanopia

28.5240, 24.9072, 25.8584

Trichromacy



Original Color

28.7363, 24.9921, 26.9763

Protanomaly

25.6367, 24.9096, 28.6561

Deuteranomaly

26.7246, 25.1138, 26.7315

Tritanomaly

28.5941, 24.9352, 26.2276

Monochromacy



Original Color

28.7363, 24.9921, 26.9763

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1342, 25.5897, 27.9880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7363, 24.9921, 26.9763 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(172, 124, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 124, 137)  
}
```

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(172, 124, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 124, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.7363, 24.9921, 26.9763 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(172, 124, 137) }
```


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

```
.border{ border-color:rgb(172, 124, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 124, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 124, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 124, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 124,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7363, 24.9921, 26.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 124, 137) }
```

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

```
.background{ background-color: rgb(172,  
124, 137) }
```

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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