

Converting Colors

XYZ(28.6852, 24.7261, 37.9979)

Have a look what the booklet for
XYZ(28.6852, 24.7261, 37.9979)
contains.

XYZ(28.7188, 24.7410, 37.9122)	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(28.7188, 24.7410,
37.9122)**

Conversions

Conversions Part 1

Format	Color
Hex	A27CA3
RGB	162, 124, 163
RGB Percent	64%, 49%, 64%
CMY	0.3647, 0.5137, 0.3608
CMYK	0.01, 0.24, 0.00, 0.36
HSL	298°, 17%, 56%
HSV	298°, 24%, 64%
XYZ	28.7188, 24.7410, 37.9122
YIQ	139.8080, 10.1290, 20.1850

Conversions

Conversions Part 2

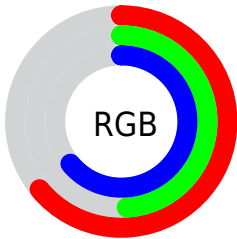
Format	Color
R _Y B	162, 124, 163
Decimal	10648739
CIE _{Lab}	56.82, 21.63, -15.15
CIE _{LCh}	57, 26.404, 324.993
Y _{xy}	24.7410, 0.3143, 0.2708
Android (android.graphics.Color)	4288838819 (0xFFA27CA3)
Y _{UV}	139.8080, 11.4337, 19.4624
Hunter-Lab	49.7403, 16.0158, -10.3728

Details

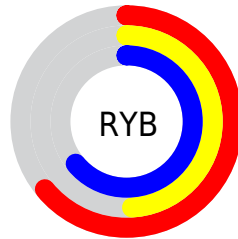
The XYZ color **28.7188, 24.7410, 37.9122** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.1936, 32.0102, 23.9207**, and the grayscale version is **24.8077, 26.0996, 28.4225**.

A 20% lighter version of the original color is **56.9923, 51.2580, 73.2196**, and **11.8157, 9.4948, 16.2489** is the 20% darker color. If you saturate the color by 10%, you get **26.7581, 20.9449, 37.2832**, and if you desaturate by 10%, it is **31.0190, 29.2147, 38.6548**.

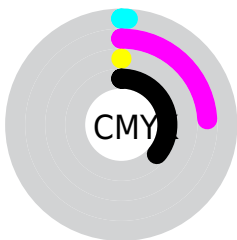
Distribution



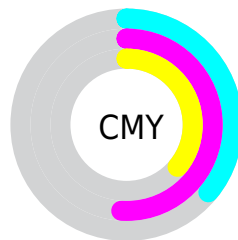
- Red (64%)
- Green (49%)
- Blue (64%)



- Red (64%)
- Yellow (49%)
- Blue (64%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7188, 24.7410, 37.9122 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 28.7188, 24.7410, 37.9122 by changing the saturation by 10% instead.

■ 28.7188, 24.7410,
37.9122

■ 28.7188, 24.7410,
37.9122

287.9041,
276.5456, 352.5301

■ 19.0114, 15.8842,
25.6132

■ 57.0307, 51.2367,
73.1755

■ 11.7826, 9.4422,
16.3114

■ 76.3659, 69.6445,
96.9769

■ 6.6669, 5.0307,
9.5880

■ 99.6410, 92.0046,
125.4495

■ 3.2992, 2.2653,
5.0247

127.2216,
118.7016, 159.0119

■ 1.3139, 0.7553,
2.2027

159.4728,
150.1198, 198.0826

■ 0.1936, 0.0000,
0.6759

196.7600,

■ 0.0000, 0.0000,

186.6436, 243.0802

0.0000

239.4486,
228.6574, 294.4232

■ 28.7188, 24.7410,
37.9122

■ 28.7188, 24.7410,
37.9122

■ 26.7581, 20.9449,
37.2832

■ 31.0190, 29.2147,
38.6548

■ 25.1179, 17.7900,
36.7607

■ 33.6718, 34.3938,
39.5147

■ 23.7812, 15.2414,
36.3392

■ 36.6925, 40.3081,
40.4971

■ 22.7280, 13.2597,
36.0122

■ 40.0948, 46.9851,
41.6065

■ 21.9365, 11.8007,
35.7723

■ 43.8915, 54.4507,
42.8474

■ 21.3811, 10.8137,
35.6111

■ 48.0951, 62.7296,
44.2239

■ 21.0316, 10.2381,
35.5184

■ 52.7175, 71.8455,
45.7398

■ 20.8738, 9.9972,
35.4802

■ 57.7698, 81.8211,
47.3990

■ 58.0469, 82.2456,
47.4663

Harmonies

Analogous

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



26.1130, 24.7410, 45.4652



28.7188, 24.7410, 37.9122



29.9364, 24.7410, 28.4496

Triad

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



28.7188, 24.7410, 37.9122



24.0374, 24.7410, 13.3074



18.5366, 24.7410, 34.7762

Complementary

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



28.7188, 24.7410, 37.9122



25.1936, 32.0102, 23.9207

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.



18.0855, 24.7410, 25.4824



28.7188, 24.7410, 37.9122



21.0964, 24.7410, 14.2843

Square

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



28.7188, 24.7410, 37.9122



27.0869, 24.7410, 15.2784



18.9821, 24.7410, 18.3178



20.2728, 24.7410, 43.3947

Rectangle

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



28.7188, 24.7410, 37.9122



29.7262, 24.7410, 22.7770



18.9821, 24.7410, 18.3178



18.2365, 24.7410, 31.5789

Sweetspot

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



28.7196, 24.7421, 37.9127



58.7097, 58.4820, 70.2499



22.2957, 21.6739, 37.6591



13.1258, 13.0173, 15.7583



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.



28.7196, 24.7421, 37.9127



49.3894, 40.3482, 67.2410



27.4081, 24.2411, 29.9426



7.3463, 7.1929, 8.9042



16.2288, 7.7727, 27.5747



0.3462, 0.1660, 0.5796

Inverse Universe

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



26.0144, 23.6836, 22.6034



43.6551, 38.1064, 34.6936



26.3077, 32.4391, 30.5457



7.0808, 7.0888, 7.4118



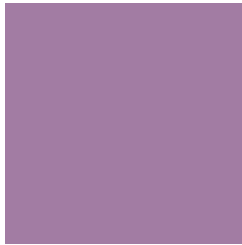
11.7592, 6.0598, 0.6569



0.2492, 0.1282, 0.0247

Previews

White Background



This preview shows how the XYZ color 28.7188, 24.7410, 37.9122 looks on a white background.

Color Contrast Check

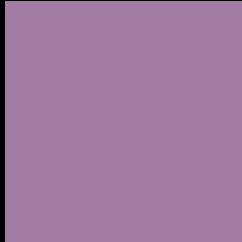
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7188, 24.7410, 37.9122 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 28.7188, 24.7410, 37.9122

Background



This preview shows how black text looks on a background with the XYZ color 28.7188, 24.7410, 37.9122.



This preview shows how white text looks on a background with the XYZ color 28.7188, 24.7410,

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

28.7188, 24.7410, 37.9122

Protanopia

24.9167, 24.8574, 42.0128

Deuteranopia

25.3018, 24.7515, 37.1622



Tritanopia

26.7358, 24.9064, 27.4430

Trichromacy



Original Color

28.7188, 24.7410, 37.9122

Protanomaly

25.9994, 24.6352, 40.4305

Deuteranomaly

26.5368, 24.7769, 37.5662

Tritanomaly

27.3530, 24.7589, 30.9410

Monochromacy



Original Color

28.7188, 24.7410, 37.9122

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0831, 25.4842, 31.5612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7188, 24.7410, 37.9122 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(162, 124, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 124, 163)  
}
```

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(162, 124, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 124, 163) }
```

Border

The CSS property to change the border of an element to XYZ 28.7188, 24.7410, 37.9122 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(162, 124, 163) }
```


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

```
.border{ border-color:rgb(162, 124, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 124, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 124, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 124, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 124,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7188, 24.7410, 37.9122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 124, 163) }
```

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

```
.background{ background-color: rgb(162,  
124, 163) }
```

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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