

Converting Colors

XYZ(28.7831, 25.2780, 23.2340)

Have a look what the booklet for
XYZ(28.7831, 25.2780, 23.2340)
contains.

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Color

**XYZ(28.7787, 25.2875,
23.1028)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7D7E
RGB	175, 125, 126
RGB Percent	69%, 49%, 49%
CMY	0.3137, 0.5098, 0.5059
CMYK	0.00, 0.29, 0.28, 0.31
HSL	359°, 24%, 59%
HSV	359°, 29%, 69%
XYZ	28.7787, 25.2875, 23.1028
YIQ	140.0640, 29.4790, 10.9110

Conversions

Conversions Part 2

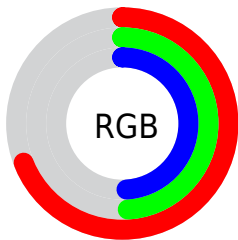
Format	Color
R_{YB}	175, 125, 126
Decimal	11500926
CIE _{Lab}	57.35, 19.57, 7.18
CIE _{LCh}	57, 20.843, 20.164
Yxy	25.2875, 0.3729, 0.3277
Android (android.graphics.Color)	4289691006 (0xFFAF7D7E)
YUV	140.0640, -6.9336, 30.6389
Hunter-Lab	50.2867, 14.1526, 7.9616

Details

The XYZ color **28.7787, 25.2875, 23.1028** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4285, 38.0765, 45.7394**, and the grayscale version is **24.9707, 26.2711, 28.6093**.

A 20% lighter version of the original color is **57.3358, 52.2513, 49.7114**, and **11.8092, 9.7697, 8.2845** is the 20% darker color. If you saturate the color by 10%, you get **25.7419, 20.8357, 17.0905**, and if you desaturate by 10%, it is **32.3969, 30.5982, 30.2456**.

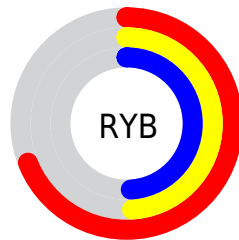
Distribution



Red (69%)

Green (49%)

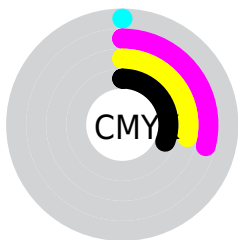
Blue (49%)



Red (69%)

Yellow (49%)

Blue (49%)

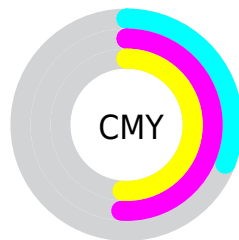


Cyan (0%)

Magenta (29%)

Yellow (28%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7787, 25.2875, 23.1028 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 28.7787, 25.2875, 23.1028 by changing the saturation by 10% instead.


 28.7787, 25.2875,
23.1028


 28.7787, 25.2875,
23.1028


288.1824,
279.2667, 281.3916


 19.0569, 16.2914,
14.4634


 57.1253, 52.1232,
49.4874

 11.8157, 9.7306,
8.3013


 76.4808, 70.7317,
68.0697

 6.6896, 5.2207,
4.1978


 99.7783, 93.3130,
90.8034

 3.3133, 2.3773,
1.7345

127.3831,
120.2516, 118.1070

 1.3215, 0.8142,
0.3842

159.6605,
151.9319, 150.3991

 0.1993, 0.0000,
0.0000

196.9760,

 0.0000, 0.0000,

188.7382, 188.0982

0.0000

239.6949,
231.0550, 231.6228

■ 28.7787, 25.2875,
23.1028

■ 28.7787, 25.2875,
23.1028

■ 25.7419, 20.8357,
17.0905

■ 32.3969, 30.5982,
30.2456

■ 23.2544, 17.1945,
12.1495

■ 36.6226, 36.8058,
38.5710

■ 21.2839, 14.3160,
8.2171

■ 41.4824, 43.9504,
48.1298

■ 19.7941, 12.1461,
5.2241

■ 47.0012, 52.0685,
58.9693

■ 18.7438, 10.6236,
3.0920

■ 53.2021, 61.1948,
71.1344

■ 18.0851, 9.6767,
1.7301

■ 60.1074, 71.3621,
84.6677

■ 17.7390, 9.1814,
1.0079

■ 67.7382, 82.6020,
99.6101

■ 17.6984, 9.1216,
0.9280

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



29.0291, 25.2875, 29.9253



28.7787, 25.2875, 23.1028



27.2103, 25.2875, 18.3477

Triad

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



28.7787, 25.2875, 23.1028



20.5667, 25.2875, 19.7017



23.2321, 25.2875, 43.2424

Complementary

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



28.7787, 25.2875, 23.1028



31.4285, 38.0765, 45.7394

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.



21.1169, 25.2875, 39.3655



28.7787, 25.2875, 23.1028



19.6493, 25.2875, 25.2732

Square

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



28.7787, 25.2875, 23.1028



22.4335, 25.2875, 16.6302



19.8435, 25.2875, 32.4979



25.7110, 25.2875, 42.3911

Rectangle

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



28.7787, 25.2875, 23.1028



25.6842, 25.2875, 16.6111



19.8435, 25.2875, 32.4979



22.4579, 25.2875, 42.4267

Sweetspot

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



28.7794, 25.2887, 23.1033



65.1147, 65.2200, 68.1445



32.3796, 26.6858, 44.0019



14.2184, 14.1226, 14.6457



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.7794, 25.2887, 23.1033



48.1475, 40.3125, 34.6602



32.0239, 31.8801, 23.8691



8.0115, 8.0178, 8.3713



12.6771, 6.5334, 0.6790



0.3547, 0.1826, 0.0297

Inverse Universe

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



28.7794, 25.2887, 23.1033



48.1475, 40.3125, 34.6602



27.3705, 29.8046, 44.8679



8.0115, 8.0178, 8.3713



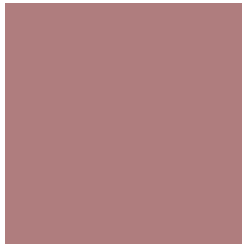
12.6771, 6.5334, 0.6790



0.3547, 0.1826, 0.0297

Previews

White Background



This preview shows how the XYZ color 28.7787, 25.2875, 23.1028 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 28.7787, 25.2875, 23.1028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

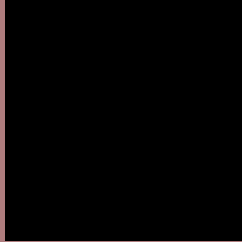
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.7787, 25.2875, 23.1028

Background



This preview shows how black text looks on a background with the XYZ color 28.7787, 25.2875, 23.1028.



This preview shows how white text looks on a background with the XYZ color 28.7787, 25.2875,

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

28.7787, 25.2875, 23.1028

Protanopia

24.3346, 25.3356, 25.7980

Deuteranopia

25.7995, 25.3236, 22.9302



Tritanopia

29.3458, 25.3389, 25.5345

Trichromacy



Original Color

28.7787, 25.2875, 23.1028

Protanomaly

25.7432, 25.2568, 24.6373

Deuteranomaly

26.7886, 25.2325, 22.8605

Tritanomaly

29.1414, 25.2571, 24.4583

Monochromacy



Original Color

28.7787, 25.2875, 23.1028

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1740, 25.8495, 26.5316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7787, 25.2875, 23.1028 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(175, 125, 126)` looks like.

```
.text, #text, p{  
    color:rgb(175, 125, 126)  
}
```

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(175, 125, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 125, 126) }
```

Border

The CSS property to change the border of an element to XYZ 28.7787, 25.2875, 23.1028 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(175, 125, 126) }
```


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

```
.border{ border-color:rgb(175, 125, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 125, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 125, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 125, 126);  
box-shadow:4px 4px 4px 4px rgb(175, 125,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7787, 25.2875, 23.1028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 125, 126) }
```

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

```
.background{ background-color: rgb(175,  
125, 126) }
```

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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