

Converting Colors

XYZ(28.7457, 28.2578, 27.0879)

Have a look what the booklet for
XYZ(28.7457, 28.2578, 27.0879)
contains.

XYZ(28.7223, 28.2151, 27.2248)	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(28.7223, 28.2151,
27.2248)**

Conversions

Conversions Part 1

Format	Color
Hex	A28C88
RGB	162, 140, 136
RGB Percent	64%, 55%, 53%
CMY	0.3647, 0.4510, 0.4667
CMYK	0.00, 0.14, 0.16, 0.36
HSL	9°, 12%, 58%
HSV	9°, 16%, 64%
XYZ	28.7223, 28.2151, 27.2248
YIQ	146.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

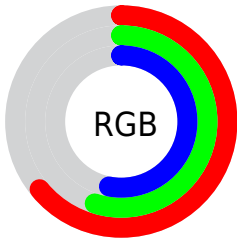
Format	Color
R_{YB}	162, 141, 136
Decimal	10652808
CIE _{Lab}	60.08, 7.59, 5.18
CIE _{LCh}	60, 9.186, 34.315
Yxy	28.2151, 0.3413, 0.3352
Android (android.graphics.Color)	4288842888 (0xFFA28C88)
YUV	146.1220, -4.9901, 13.9250
Hunter-Lab	53.1179, 3.5635, 6.7943

Details

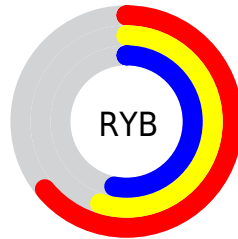
The XYZ color **28.7223, 28.2151, 27.2248** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9016, 32.2959, 38.8931**, and the grayscale version is **27.3879, 28.8142, 31.3787**.

A 20% lighter version of the original color is **57.0924, 57.0094, 56.1389**, and **11.7663, 11.2992, 10.3649** is the 20% darker color. If you saturate the color by 10%, you get **25.7775, 24.0307, 20.9858**, and if you desaturate by 10%, it is **32.0922, 32.9706, 34.4647**.

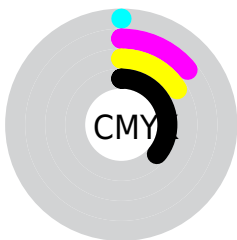
Distribution



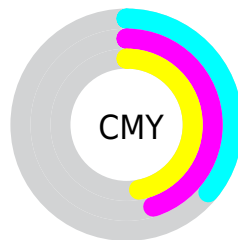
- Red (64%)
- Green (55%)
- Blue (53%)



- Red (64%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7223, 28.2151, 27.2248 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 28.7223, 28.2151, 27.2248 by changing the saturation by 10% instead.

■ 28.7223, 28.2151,
27.2248

■ 28.7223, 28.2151,
27.2248

287.9203,
293.4933, 302.5385

■ 19.0141, 18.4879,
17.5082

■ 57.0362, 56.8277,
56.2525

■ 11.7845, 11.3008,
10.4317

■ 76.3726, 76.4818,
76.4007

■ 6.6683, 6.2695,
5.5768

■ 99.6491, 100.2137,
100.8631

■ 3.3000, 3.0097,
2.5249

127.2310,
128.4077, 130.0584

■ 1.3143, 1.1368,
0.8533

159.4837,
161.4483, 164.4050

■ 0.1939, 0.0091,
0.0000

196.7726,

■ 0.0000, 0.0000,

199.7199, 204.3216

0.0000

239.4630,
243.6067, 250.2265

■ 28.7223, 28.2151,
27.2248

■ 28.7223, 28.2151,
27.2248

■ 25.7775, 24.0307,
20.9858

■ 32.0922, 32.9706,
34.4647

■ 23.2386, 20.3923,
15.7020

■ 35.9007, 38.3136,
42.7452

■ 21.0882, 17.2783,
11.3265

■ 40.1639, 44.2647,
52.1056

■ 19.3069, 14.6644,
7.8080

■ 44.8962, 50.8421,
62.5831

■ 17.8735, 12.5243,
5.0899

■ 50.1111, 58.0636,
74.2128

■ 16.7647, 10.8294,
3.1089

■ 55.8221, 65.9460,
87.0285

■ 15.9541, 9.5477,
1.7918

■ 62.0417, 74.5055,
101.0623

■ 15.4088, 8.6422,
1.0398

■ 67.0277, 83.0561,
107.1064

■ 15.2468, 8.3742,
0.8128

■ 68.7104, 86.4214,
107.6673

Harmonies

Analogous

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



29.1281, 28.2151, 30.2384



28.7223, 28.2151, 27.2248



27.8062, 28.2151, 25.2645

Triad

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



28.7223, 28.2151, 27.2248



24.8376, 28.2151, 28.0082



26.9875, 28.2151, 37.6169

Complementary

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



28.7223, 28.2151, 27.2248



28.9016, 32.2959, 38.8931

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.



25.8527, 28.2151, 36.9125



28.7223, 28.2151, 27.2248



24.6326, 28.2151, 31.2096

Square

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



28.7223, 28.2151, 27.2248



25.5671, 28.2151, 25.6932



24.9990, 28.2151, 34.5054



28.1082, 28.2151, 36.3663

Rectangle

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



28.7223, 28.2151, 27.2248



27.0414, 28.2151, 24.7364



24.9990, 28.2151, 34.5054



26.5950, 28.2151, 37.6016

Sweetspot

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



28.7231, 28.2164, 27.2254



58.8855, 60.7341, 63.9192



29.8849, 27.7622, 36.1767



13.1268, 13.5019, 14.1426



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.



28.7231, 28.2164, 27.2254



50.2894, 48.5949, 45.4758



30.7194, 32.2090, 27.8908



7.1578, 7.2539, 7.4030



12.0330, 6.6400, 0.6474



0.2765, 0.1868, 0.0215

Inverse Universe

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



28.9016, 32.2959, 38.8931



50.6706, 57.3253, 70.4504



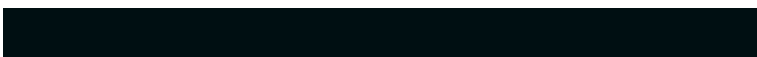
26.8160, 28.1246, 38.1979



7.1828, 7.8246, 9.0348



12.2174, 16.2141, 29.4155



0.2802, 0.3877, 0.6259

Previews

White Background



This preview shows how the XYZ color 28.7223, 28.2151, 27.2248 looks on a white background.

Color Contrast Check

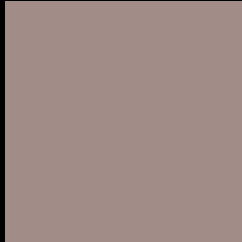
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7223, 28.2151, 27.2248 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 28.7223, 28.2151, 27.2248

Background



This preview shows how black text looks on a background with the XYZ color 28.7223, 28.2151, 27.2248.



This preview shows how white text looks on a background with the XYZ color 28.7223, 28.2151,

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

28.7223, 28.2151, 27.2248

Protanopia

26.9551, 28.1711, 28.0616

Deuteranopia

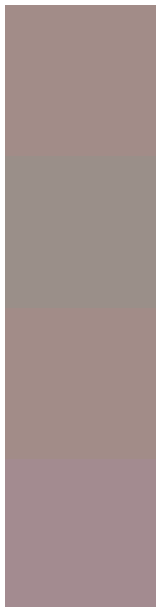
28.7223, 28.2151, 27.2248



Tritanopia

29.8231, 28.2394, 32.3127

Trichromacy



Original Color

28.7223, 28.2151, 27.2248

Protanomaly

27.6642, 28.3211, 27.6754

Deuteranomaly

28.7223, 28.2151, 27.2248

Tritanomaly

29.3709, 28.2654, 30.2933

Monochromacy



Original Color

28.7223, 28.2151, 27.2248

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8046, 28.5749, 29.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7223, 28.2151, 27.2248 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, 140, 136) looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 136)  
}
```

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, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.7223, 28.2151, 27.2248 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, 140, 136) }
```


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

```
.border{ border-color:rgb(162, 140, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7223, 28.2151, 27.2248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 136) }
```

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

```
.background{ background-color: rgb(162,  
140, 136) }
```

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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