

Converting Colors

XYZ(28.5198, 28.1110, 23.3059)

Have a look what the booklet for
XYZ(28.5198, 28.1110, 23.3059)
contains.

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Color

**XYZ(28.5968, 28.2362,
23.3449)**

Conversions

Conversions Part 1

Format	Color
Hex	A58C7D
RGB	165, 140, 125
RGB Percent	65%, 55%, 49%
CMY	0.3529, 0.4510, 0.5098
CMYK	0.00, 0.15, 0.24, 0.35
HSL	23°, 18%, 57%
HSV	23°, 24%, 65%
XYZ	28.5968, 28.2362, 23.3449
YIQ	145.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

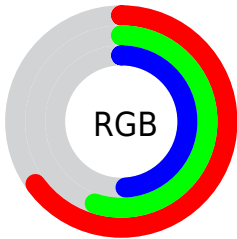
Format	Color
R_{YB}	165, 149, 125
Decimal	10849405
CIE Lab	60.10, 7.02, 11.51
CIE LCh	60, 13.476, 58.627
Yxy	28.2362, 0.3567, 0.3522
Android (android.graphics.Color)	4289039485 (0xFFA58C7D)
YUV	145.7650, -10.2371, 16.8691
Hunter-Lab	53.1377, 3.0711, 11.1487

Details

The XYZ color **28.5968, 28.2362, 23.3449** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1550, 28.8884, 39.7949**, and the grayscale version is **27.2609, 28.6806, 31.2332**.

A 20% lighter version of the original color is **56.8429, 57.0136, 50.1283**, and **11.7707, 11.3448, 8.4069** is the 20% darker color. If you saturate the color by 10%, you get **26.1925, 24.9766, 17.7680**, and if you desaturate by 10%, it is **31.3189, 31.8509, 29.8923**.

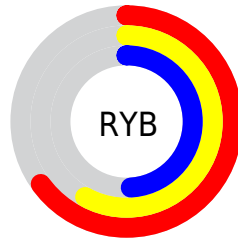
Distribution



Red (65%)

Green (55%)

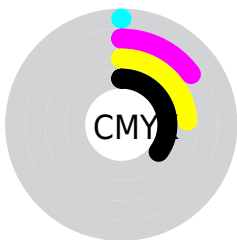
Blue (49%)



Red (65%)

Yellow (58%)

Blue (49%)

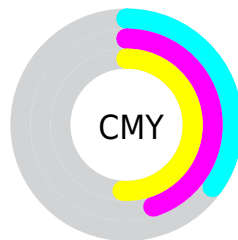


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5968, 28.2362, 23.3449 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 28.5968, 28.2362, 23.3449 by changing the saturation by 10% instead.


 28.5968, 28.2362,
23.3449


 28.5968, 28.2362,
23.3449


287.3364,
293.5939, 282.6707


 18.9188, 18.5038,
14.6407


 56.8379, 56.8613,
49.8894

 11.7153, 11.3123,
8.4238

 76.1316, 76.5228,
68.5668

 6.6209, 6.2773,
4.2757


 99.3613, 100.2628,
91.4056

 3.2704, 3.0144,
1.7778

126.8923,
128.4657, 118.8244

 1.2983, 1.1393,
0.4132

159.0900,
161.5158, 151.2418

 0.1820, 0.0112,
0.0000

196.3196,

 0.0000, 0.0000,

199.7976, 189.0763

0.0000

238.9466,
243.6955, 232.7464

■ 28.5968, 28.2362,
23.3449

■ 28.5968, 28.2362,
23.3449

■ 26.1925, 24.9766,
17.7680

■ 31.3189, 31.8509,
29.8923

■ 24.0913, 22.0569,
13.1131

■ 34.3684, 35.8274,
37.4522

■ 22.2806, 19.4667,
9.3300

■ 37.7571, 40.1771,
46.0659

■ 20.7457, 17.1935,
6.3630

■ 41.4956, 44.9098,
55.7722

■ 19.4708, 15.2236,
4.1500

■ 45.5940, 50.0350,
66.6078

■ 18.4378, 13.5424,
2.6195

■ 50.0619, 55.5615,
78.6077

■ 17.6258, 12.1336,
1.6859

■ 54.9087, 61.4982,
91.8053

■ 17.2338, 11.4327,
1.2984

■ 59.8194, 67.7239,
104.5269

■ 62.6504, 73.3860,
105.4706

Harmonies

Analogous

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



29.8470, 28.2362, 26.4255



28.5968, 28.2362, 23.3449



26.9170, 28.2362, 22.2132

Triad

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



28.5968, 28.2362, 23.3449



23.6648, 28.2362, 30.5179



28.4538, 28.2362, 39.8317

Complementary

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



28.5968, 28.2362, 23.3449



26.1550, 28.8884, 39.7949

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.



26.7585, 28.2362, 41.2205



28.5968, 28.2362, 23.3449



24.0377, 28.2362, 35.5100

Square

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



28.5968, 28.2362, 23.3449



24.1115, 28.2362, 26.0716



25.1522, 28.2362, 39.5624



29.7620, 28.2362, 35.9446

Rectangle

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



28.5968, 28.2362, 23.3449



25.7950, 28.2362, 22.6129



25.1522, 28.2362, 39.5624



27.9081, 28.2362, 40.6233

Sweetspot

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



28.5976, 28.2375, 23.3455



59.9134, 62.0408, 62.9756



28.3828, 24.8796, 32.3016



13.0317, 13.4768, 13.6018



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.



28.5976, 28.2375, 23.3455



48.8686, 47.4048, 36.3154



31.7320, 34.5064, 24.3903



7.2813, 7.5010, 7.4442



13.0823, 8.7385, 0.9972



0.3193, 0.2725, 0.0358

Inverse Universe

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



26.1550, 28.8884, 39.7949



43.7364, 48.7666, 70.8601



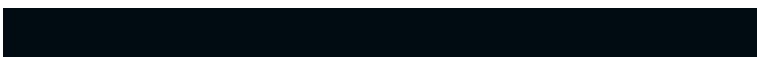
23.2763, 23.1310, 38.8354



7.0518, 7.5626, 8.9911



8.8645, 9.5084, 28.2979



0.2294, 0.2861, 0.6090

Previews

White Background



This preview shows how the XYZ color 28.5968, 28.2362, 23.3449 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 28.5968, 28.2362, 23.3449 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

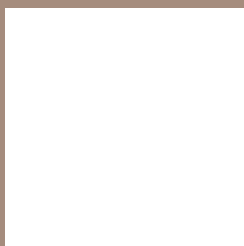
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5968, 28.2362, 23.3449

Background



This preview shows how black text looks on a background with the XYZ color 28.5968, 28.2362, 23.3449.



This preview shows how white text looks on a background with the XYZ color 28.5968, 28.2362,

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

28.5968, 28.2362, 23.3449

Protanopia

26.9051, 28.4585, 24.1537

Deuteranopia

28.8056, 28.3438, 23.3547



Tritanopia

30.3606, 28.3227, 31.4704

Trichromacy



Original Color

28.5968, 28.2362, 23.3449

Protanomaly

27.4930, 28.3194, 23.7558

Deuteranomaly

28.8056, 28.3438, 23.3547

Tritanomaly

29.6850, 28.2565, 28.3156

Monochromacy



Original Color

28.5968, 28.2362, 23.3449

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6976, 28.5538, 28.0964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5968, 28.2362, 23.3449 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(165, 140, 125)` looks like.

```
.text, #text, p{  
    color:rgb(165, 140, 125)  
}
```

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(165, 140, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 140, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.5968, 28.2362, 23.3449 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(165, 140, 125) }
```


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

```
.border{ border-color:rgb(165, 140, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 140, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 140, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 140, 125);  
box-shadow:4px 4px 4px 4px rgb(165, 140,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5968, 28.2362, 23.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 140, 125) }
```

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

```
.background{ background-color: rgb(165,  
140, 125) }
```

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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