

Converting Colors

XYZ(29.3758, 28.8566, 23.4240)

Have a look what the booklet for
XYZ(29.3758, 28.8566, 23.4240)
contains.

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Color

**XYZ(29.3750, 28.8553,
23.4234)**

Conversions

Conversions Part 1

Format	Color
Hex	A88D7D
RGB	168, 141, 125
RGB Percent	66%, 55%, 49%
CMY	0.3412, 0.4470, 0.5098
CMYK	0.00, 0.16, 0.26, 0.34
HSL	22°, 20%, 57%
HSV	22°, 26%, 66%
XYZ	29.3750, 28.8553, 23.4234
YIQ	147.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

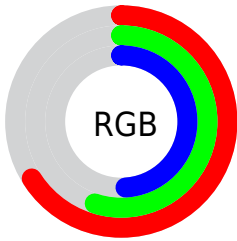
Format	Color
R_{YB}	168, 150, 125
Decimal	11046269
CIE Lab	60.65, 7.65, 12.32
CIE LCh	61, 14.504, 58.178
Yxy	28.8553, 0.3598, 0.3534
Android (android.graphics.Color)	4289236349 (0xFFA88D7D)
YUV	147.2490, -10.9688, 18.1986
Hunter-Lab	53.7171, 3.6070, 11.7485

Details

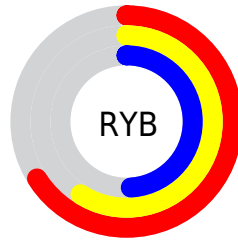
The XYZ color **29.3750, 28.8553, 23.4234** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **26.7532, 29.6426, 41.3574**, and the grayscale version is **27.8747, 29.3264, 31.9364**.

A 20% lighter version of the original color is **58.2915, 58.0919, 50.2600**, and **12.1158, 11.6488, 8.4473** is the 20% darker color. If you saturate the color by 10%, you get **26.9095, 25.4990, 17.7470**, and if you desaturate by 10%, it is **32.1717, 32.5831, 30.1065**.

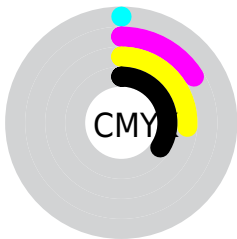
Distribution



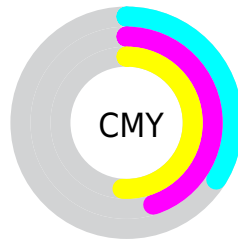
- Red (66%)
- Green (55%)
- Blue (49%)



- Red (66%)
- Yellow (59%)
- Blue (49%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3750, 28.8553, 23.4234 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 29.3750, 28.8553, 23.4234 by changing the saturation by 10% instead.


 29.3750, 28.8553,
23.4234


 29.3750, 28.8553,
23.4234


290.9426,
296.5316, 283.0843


 19.5104, 18.9714,
14.6982

 58.0658, 57.8471,
50.0196

 12.1458, 11.6496,
8.4636

 77.6227, 77.7238,
68.7277

 6.9160, 6.5056,
4.3010


 101.1411,
101.7002, 91.6005

 3.4555, 3.1549,
1.7919

128.9863,
130.1607, 119.0566

 1.3990, 1.2131,
0.4226

161.5237,
163.4897, 151.5145

 0.2555, 0.0724,
0.0000

199.1187,

 0.0000, 0.0000,

202.0716, 189.3927

0.0000

242.1365,
246.2907, 233.1098

■ 29.3750, 28.8553,
23.4234

■ 29.3750, 28.8553,
23.4234

■ 26.9095, 25.4990,
17.7470

■ 32.1717, 32.5831,
30.1065

■ 24.7598, 22.4984,
13.0261

■ 35.3097, 36.6899,
37.8405

■ 22.9122, 19.8422,
9.2075

■ 38.8017, 41.1876,
46.6692

■ 21.3515, 17.5170,
6.2323

■ 42.6588, 46.0866,
56.6333

■ 20.0605, 15.5084,
4.0340

■ 46.8915, 51.3969,
67.7715

■ 19.0200, 13.8007,
2.5365

■ 51.5103, 57.1281,
80.1205

■ 18.2065, 12.3760,
1.6417

■ 56.5247, 63.2893,
93.7155

■ 17.8999, 11.8276,
1.3395

■ 61.2275, 69.6029,
104.8154

■ 64.1741, 75.4960,
105.7976

Harmonies

Analogous

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



30.7347, 28.8553, 26.7827



29.3750, 28.8553, 23.4234



27.5411, 28.8553, 22.1723

Triad

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



29.3750, 28.8553, 23.4234



23.9721, 28.8553, 31.0907



29.1672, 28.8553, 41.4472

Complementary

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



29.3750, 28.8553, 23.4234



26.7532, 29.6426, 41.3574

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.



27.3114, 28.8553, 42.9329



29.3750, 28.8553, 23.4234



24.3639, 28.8553, 36.5606

Square

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



29.3750, 28.8553, 23.4234



24.4702, 28.8553, 26.2738



25.5654, 28.8553, 41.0528



30.6109, 28.8553, 37.1945

Rectangle

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



29.3750, 28.8553, 23.4234



26.3147, 28.8553, 22.5798



25.5654, 28.8553, 41.0528



28.5684, 28.8553, 42.3067

Sweetspot

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



29.3758, 28.8566, 23.4240



62.5611, 64.6105, 64.8995



29.1689, 25.2670, 33.1459



13.4510, 13.8414, 13.6883



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.3758, 28.8566, 23.4240



50.5624, 48.6453, 36.1379



32.8176, 35.7404, 24.5713



7.7513, 7.9827, 7.9215



13.5630, 9.0233, 1.0268



0.3791, 0.3178, 0.0414

Inverse Universe

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



26.7532, 29.6426, 41.3574



44.9385, 50.3227, 74.5698



23.6062, 23.3485, 40.3084



7.5094, 8.0557, 9.5775



9.2390, 9.9381, 29.4068



0.2713, 0.3349, 0.7310

Previews

White Background



This preview shows how the XYZ color 29.3750, 28.8553, 23.4234 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 29.3750, 28.8553, 23.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

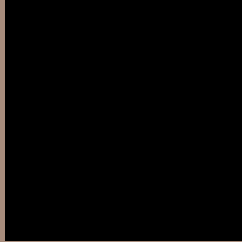
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3750, 28.8553, 23.4234

Background



This preview shows how black text looks on a background with the XYZ color 29.3750, 28.8553, 23.4234.



This preview shows how white text looks on a background with the XYZ color 29.3750, 28.8553,

23.4234.

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

29.3750, 28.8553, 23.4234

Protanopia

27.3120, 28.8886, 24.5586

Deuteranopia

29.3750, 28.8553, 23.4234



Tritanopia

31.2284, 28.9730, 31.9634

Trichromacy



Original Color

29.3750, 28.8553, 23.4234

Protanomaly

27.9046, 28.7479, 24.1568

Deuteranomaly

29.3750, 28.8553, 23.4234

Tritanomaly

30.5438, 28.9047, 28.7803

Monochromacy



Original Color

29.3750, 28.8553, 23.4234

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.3032, 29.0834, 28.5480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3750, 28.8553, 23.4234 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(168, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 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(168, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.3750, 28.8553, 23.4234 is called "border". The border property can be set on classes, ids or directly on the HTML element.

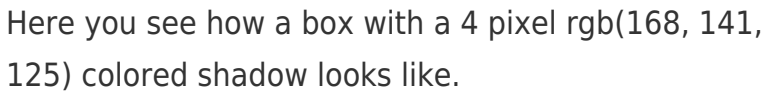
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 141, 125) }
```


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

```
.border{ border-color:rgb(168, 141, 125) }
```

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



Here you see how a box with a 4 pixel rgb(168, 141, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 141,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3750, 28.8553, 23.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 125) }
```

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

```
.background{ background-color: rgb(168,  
141, 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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