

Converting Colors

XYZ(29.0986, 28.3024, 23.3313)

Have a look what the booklet for
XYZ(29.0986, 28.3024, 23.3313)
contains.

XYZ(29.0827, 28.2707, 23.3260)	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(29.0827, 28.2707,
23.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	A88B7D
RGB	168, 139, 125
RGB Percent	66%, 55%, 49%
CMY	0.3412, 0.4549, 0.5098
CMYK	0.00, 0.17, 0.26, 0.34
HSL	20°, 20%, 57%
HSV	20°, 26%, 66%
XYZ	29.0827, 28.2707, 23.3260
YIQ	146.0750, 21.7780, 1.7940

Conversions

Conversions Part 2

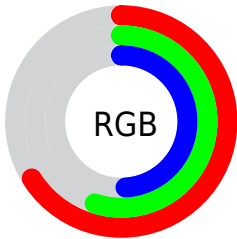
Format	Color
R_{YB}	168, 146, 125
Decimal	11045757
CIE _{Lab}	60.13, 8.77, 11.59
CIE _{LCh}	60, 14.535, 52.892
Yxy	28.2707, 0.3605, 0.3504
Android (android.graphics.Color)	4289235837 (0xFFA88B7D)
YUV	146.0750, -10.3900, 19.2282
Hunter-Lab	53.1702, 4.5870, 11.2084

Details

The XYZ color **29.0827, 28.2707, 23.3260** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.0806, 30.2975, 41.4666**, and the grayscale version is **27.3879, 28.8142, 31.3787**.

A 20% lighter version of the original color is **57.8463, 57.2016, 50.1117**, and **11.9471, 11.3114, 8.3911** is the 20% darker color. If you saturate the color by 10%, you get **26.5429, 24.7656, 17.6248**, and if you desaturate by 10%, it is **31.9756, 32.1910, 30.0412**.

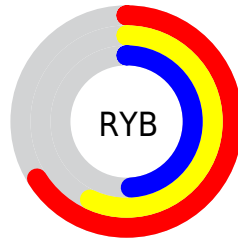
Distribution



Red (66%)

Green (55%)

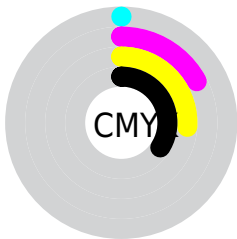
Blue (49%)



Red (66%)

Yellow (57%)

Blue (49%)

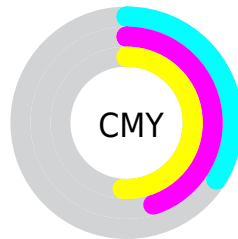


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0827, 28.2707, 23.3260 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 29.0827, 28.2707, 23.3260 by changing the saturation by 10% instead.

■ 29.0827, 28.2707,
23.3260

■ 29.0827, 28.2707,
23.3260

289.5921,
293.7582, 282.5710

■ 19.2880, 18.5298,
14.6268

■ 57.6051, 56.9163,
49.8580

■ 11.9838, 11.3310,
8.4142

■ 77.0635, 76.5899,
68.5280

■ 6.8048, 6.2900,
4.2696

■ 100.4738,
100.3431, 91.3586

■ 3.3855, 3.0222,
1.7744

128.2015,
128.5604, 118.7685

■ 1.3608, 1.1433,
0.4110

160.6118,
161.6262, 151.1761

■ 0.2280, 0.0147,
0.0000

198.0701,

■ 0.0000, 0.0000,

199.9248, 189.0001

0.0000

240.9417,
243.8406, 232.6588

■ 29.0827, 28.2707,
23.3260

■ 29.0827, 28.2707,
23.3260

■ 26.5429, 24.7656,
17.6248

■ 31.9756, 32.1910,
30.0412

■ 24.3396, 21.6579,
12.8860

■ 35.2328, 36.5360,
37.8149

■ 22.4582, 18.9341,
9.0562

■ 38.8677, 41.3195,
46.6912

■ 20.8822, 16.5784,
6.0758

■ 42.8922, 46.5536,
56.7112

■ 19.5932, 14.5739,
3.8783

■ 47.3181, 52.2500,
67.9137

■ 18.5706, 12.9020,
2.3867

■ 52.1561, 58.4198,
80.3358

■ 17.7893, 11.5416,
1.5027

■ 57.4170, 65.0738,
94.0129

■ 17.5010, 11.0298,
1.2066

■ 62.3940, 71.9358,
105.2042

■ 65.6433, 78.4344,
106.2873

Harmonies

Analogous

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



30.2958, 28.2707, 26.9732



29.0827, 28.2707, 23.3260



27.3147, 28.2707, 21.7090

Triad

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



29.0827, 28.2707, 23.3260



23.4808, 28.2707, 29.5339



28.2834, 28.2707, 41.1959

Complementary

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



29.0827, 28.2707, 23.3260



27.0806, 30.2975, 41.4666

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.



26.4310, 28.2707, 42.0849



29.0827, 28.2707, 23.3260



23.7135, 28.2707, 34.9335

Square

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



29.0827, 28.2707, 23.3260



24.1224, 28.2707, 25.0156



24.7733, 28.2707, 39.6783



29.8197, 28.2707, 37.3727

Rectangle

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



29.0827, 28.2707, 23.3260



26.0817, 28.2707, 21.8513



24.7733, 28.2707, 39.6783



27.6750, 28.2707, 41.8646

Sweetspot

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



29.0835, 28.2720, 23.3266



62.3623, 64.2128, 64.8332



29.3470, 25.3383, 34.0837



13.4006, 13.7405, 13.6715



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.



29.0835, 28.2720, 23.3266



49.9467, 47.4138, 35.9326



32.4413, 34.9877, 24.4459



7.7232, 7.9265, 7.9122



13.2584, 8.4140, 0.9253



0.3688, 0.2972, 0.0379

Inverse Universe

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



27.0806, 30.2975, 41.4666



45.6499, 51.7455, 74.8070



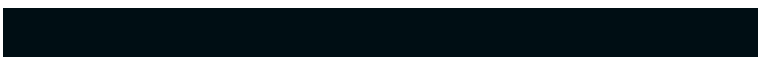
23.8972, 23.9306, 40.4054



7.5386, 8.1140, 9.5872



9.8692, 11.1985, 29.6169



0.2836, 0.3595, 0.7351

Previews

White Background



This preview shows how the XYZ color 29.0827, 28.2707, 23.3260 looks on a white background.

Color Contrast Check

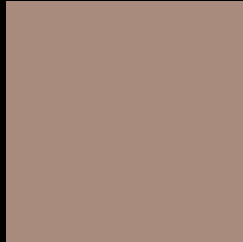
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0827, 28.2707, 23.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

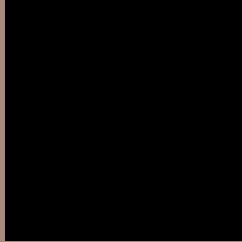
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

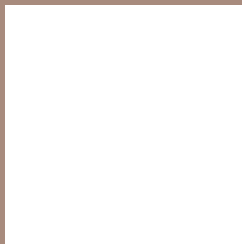
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0827, 28.2707, 23.3260

Background



This preview shows how black text looks on a background with the XYZ color 29.0827, 28.2707, 23.3260.



This preview shows how white text looks on a background with the XYZ color 29.0827, 28.2707,

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

29.0827, 28.2707, 23.3260

Protanopia

26.9706, 28.4847, 24.4987

Deuteranopia

28.8056, 28.3438, 23.3547



Tritanopia

30.5700, 28.2297, 31.0318

Trichromacy



Original Color

29.0827, 28.2707, 23.3260

Protanomaly

27.7538, 28.4463, 24.1066

Deuteranomaly

29.0161, 28.4523, 23.3646

Tritanomaly

29.8953, 28.1613, 27.9048

Monochromacy



Original Color

29.0827, 28.2707, 23.3260

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7363, 28.3499, 28.0550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0827, 28.2707, 23.3260 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, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 139, 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, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 139, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.0827, 28.2707, 23.3260 is called "border". The border property can be set on classes, ids or directly on the HTML element.

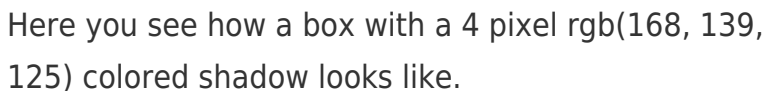
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 139, 125) }
```


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

```
.border{ border-color:rgb(168, 139, 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, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 139, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 139, 125); box-shadow:4px 4px 4px 4px rgb(168, 139, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0827, 28.2707, 23.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 139, 125) }
```

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

```
.background{ background-color: rgb(168,  
139, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor