

Converting Colors

XYZ(28.7976, 28.9612, 15.1386)

Have a look what the booklet for
XYZ(28.7976, 28.9612, 15.1386)
contains.

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Color

**XYZ(28.7976, 28.9612,
15.1386)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8E60
RGB	172, 142, 96
RGB Percent	67%, 56%, 38%
CMY	0.3255, 0.4431, 0.6235
CMYK	0.00, 0.17, 0.44, 0.33
HSL	36°, 31%, 53%
HSV	36°, 44%, 67%
XYZ	28.7976, 28.9612, 15.1386
YIQ	145.7260, 32.6460, -7.9460

Conversions

Conversions Part 2

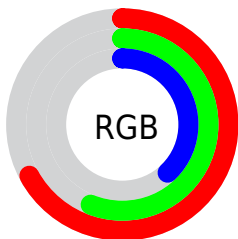
Format	Color
R_{YB}	146, 172, 96
Decimal	11308640
CIE _{Lab}	60.75, 5.01, 28.71
CIE _{LCh}	61, 29.147, 80.093
Yxy	28.9612, 0.3950, 0.3973
Android (android.graphics.Color)	4289498720 (0xFFAC8E60)
YUV	145.7260, -24.5149, 23.0423
Hunter-Lab	53.8156, 1.3409, 20.9924

Details

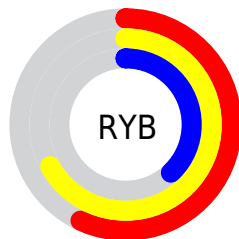
The XYZ color **28.7976, 28.9612, 15.1386** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.7309, 20.3863, 41.9247**, and the grayscale version is **27.2978, 28.7194, 31.2755**.

A 20% lighter version of the original color is **57.3195, 58.2445, 35.8250**, and **11.8527, 11.7276, 4.5447** is the 20% darker color. If you saturate the color by 10%, you get **27.1115, 26.7206, 11.0880**, and if you desaturate by 10%, it is **30.7200, 31.3969, 20.1234**.

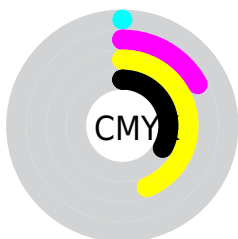
Distribution



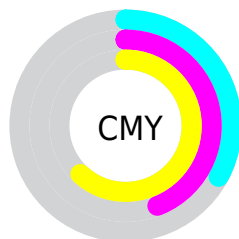
- Red (67%)
- Green (56%)
- Blue (38%)



- Red (57%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7976, 28.9612, 15.1386 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 28.7976, 28.9612, 15.1386 by changing the saturation by 10% instead.

■ 28.7976, 28.9612,
15.1386

■ 28.7976, 28.9612,
15.1386

288.2702,
297.0318, 235.8732

■ 19.0713, 19.0515,
8.7690

■ 57.1551, 58.0154,
35.8419

■ 11.8261, 11.7075,
4.4961

■ 76.5171, 77.9287,
51.0127

■ 6.6967, 6.5448,
1.9012

■ 99.8216, 101.9453,
69.9542

■ 3.3178, 3.1791,
0.4935

■ 127.4340,
130.4496, 93.0852

■ 1.3240, 1.2259,
0.0000

159.7198,
163.8261, 120.8240

■ 0.2011, 0.0827,
0.0000

197.0441,

■ 0.0000, 0.0000,

202.4590, 153.5892

0.0000

239.7725,
246.7328, 191.7995

■ 28.7976, 28.9612,
15.1386

■ 28.7976, 28.9612,
15.1386

■ 27.1115, 26.7206,
11.0880

■ 30.7200, 31.3969,
20.1234

■ 25.6469, 24.6642,
7.9092

■ 32.8879, 34.0299,
26.0957

■ 24.3907, 22.7861,
5.5353

■ 35.3127, 36.8675,
33.1068

■ 23.3271, 21.0781,
3.8882

■ 38.0043, 39.9151,
41.2040

■ 22.4371, 19.5307,
2.8744

■ 40.9719, 43.1782,
50.4315

■ 21.9751, 18.6943,
2.4501

■ 44.2245, 46.6617,
60.8313

■ 47.7705, 50.3706,
72.4429

■ 51.6179, 54.3095,
85.3043

■ 55.7745, 58.4831,
99.4515

Harmonies

Analogous

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



32.4634, 28.9612, 18.0980



28.7976, 28.9612, 15.1386



25.1020, 28.9612, 15.7334

Triad

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



28.7976, 28.9612, 15.1386



21.2434, 28.9612, 39.2481



33.4938, 28.9612, 46.8802

Complementary

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



28.7976, 28.9612, 15.1386



19.7309, 20.3863, 41.9247

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.



30.1029, 28.9612, 55.4307



28.7976, 28.9612, 15.1386



23.1178, 28.9612, 50.3714

Square

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



28.7976, 28.9612, 15.1386



20.9634, 28.9612, 28.0830



26.2939, 28.9612, 56.8372



35.3343, 28.9612, 35.2564

Rectangle

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



28.7976, 28.9612, 15.1386



23.1016, 28.9612, 18.1282



26.2939, 28.9612, 56.8372



32.4837, 28.9612, 50.3117

Sweetspot

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



28.7983, 28.9626, 15.1392



64.5064, 67.3930, 61.3733



24.9881, 18.6534, 22.1580



13.8024, 14.3970, 12.6996



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



28.7983, 28.9626, 15.1392



49.2516, 48.5669, 20.2696



32.2565, 38.2847, 16.7563



8.3933, 8.7915, 8.4679



16.4077, 14.0209, 1.8415



0.5078, 0.4927, 0.0683

Inverse Universe

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



19.7309, 20.3863, 41.9247



30.6844, 31.0246, 75.1769



17.2921, 14.2638, 40.8715



7.8285, 8.2564, 10.1337



7.1249, 5.3837, 29.7081



0.2525, 0.2583, 0.8445

Previews

White Background



This preview shows how the XYZ color 28.7976, 28.9612, 15.1386 looks on a white background.

Color Contrast Check

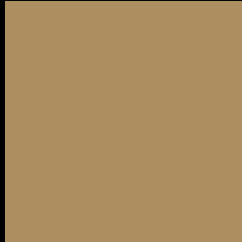
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7976, 28.9612, 15.1386 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

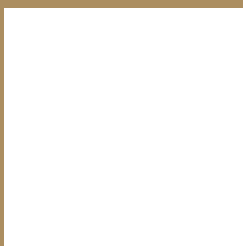
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7976, 28.9612, 15.1386

Background



This preview shows how black text looks on a background with the XYZ color 28.7976, 28.9612, 15.1386.



This preview shows how white text looks on a background with the XYZ color 28.7976, 28.9612,

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

28.7976, 28.9612, 15.1386

Protanopia

26.9364, 29.1202, 15.7563

Deuteranopia

29.3939, 28.8308, 15.0820



Tritanopia

32.1239, 29.0308, 31.1045

Trichromacy



Original Color

28.7976, 28.9612, 15.1386

Protanomaly

27.5929, 29.0064, 15.4537

Deuteranomaly

29.3154, 29.0082, 15.1204

Tritanomaly

30.6640, 28.8494, 24.3744

Monochromacy



Original Color

28.7976, 28.9612, 15.1386

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.5392, 28.7779, 24.5253

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7976, 28.9612, 15.1386 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(172, 142, 96)` looks like.

```
.text, #text, p{  
    color:rgb(172, 142, 96)  
}
```

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(172, 142, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 142, 96) }
```

Border

The CSS property to change the border of an element to XYZ 28.7976, 28.9612, 15.1386 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(172, 142, 96) }
```


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

```
.border{ border-color:rgb(172, 142, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 142, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 142, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 142, 96);  
box-shadow:4px 4px 4px 4px rgb(172, 142,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7976, 28.9612, 15.1386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 142, 96) }
```

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

```
.background{ background-color: rgb(172,  
142, 96) }
```

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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