

Converting Colors

XYZ(28.9129, 24.2875, 26.9604)

Have a look what the booklet for
XYZ(28.9129, 24.2875, 26.9604)
contains.

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Color

**XYZ(28.9110, 24.3530,
26.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7889
RGB	175, 120, 137
RGB Percent	69%, 47%, 54%
CMY	0.3137, 0.5294, 0.4627
CMYK	0.00, 0.31, 0.22, 0.31
HSL	341°, 26%, 58%
HSV	341°, 31%, 69%
XYZ	28.9110, 24.3530, 26.8437
YIQ	138.3830, 27.3230, 16.9470

Conversions

Conversions Part 2

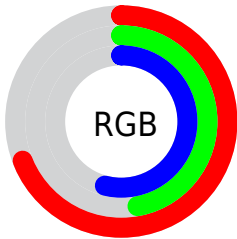
Format	Color
R_{YB}	175, 120, 137
Decimal	11499657
CIE _{Lab}	56.44, 24.02, -0.51
CIE _{LCh}	56, 24.029, 358.779
Yxy	24.3530, 0.3609, 0.3040
Android (android.graphics.Color)	4289689737 (0xFFAF7889)
YUV	138.3830, -0.6818, 32.1131
Hunter-Lab	49.3488, 18.2140, 2.2928

Details

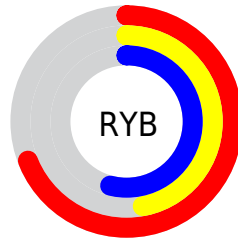
The XYZ color **28.9110, 24.3530, 26.8437** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.2483, 37.1222, 37.9733**, and the grayscale version is **24.2995, 25.5650, 27.8403**.

A 20% lighter version of the original color is **57.1928, 50.5938, 55.4664**, and **11.8587, 9.2595, 10.1791** is the 20% darker color. If you saturate the color by 10%, you get **26.1762, 20.1945, 21.8899**, and if you desaturate by 10%, it is **32.1290, 29.3219, 32.4388**.

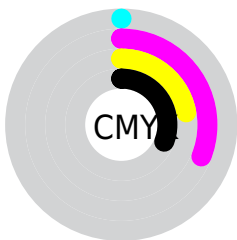
Distribution



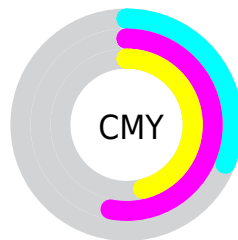
- Red (69%)
- Green (47%)
- Blue (54%)



- Red (69%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9110, 24.3530, 26.8437 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 28.9110, 24.3530, 26.8437 by changing the saturation by 10% instead.

 28.9110, 24.3530,
26.8437


 28.9110, 24.3530,
26.8437


288.7966,
274.6003, 300.6357


 19.1574, 15.5957,
17.2245


 57.3342, 50.6056,
55.6336

 11.8888, 9.2385,
10.2310


 76.7345, 68.8697,
75.6414

 6.7396, 4.8971,
5.4448


 100.0812, 91.0716,
99.9492

 3.3447, 2.1870,
2.4473

127.7395,
117.5955, 128.9754

 1.3386, 0.7129,
0.8120

160.0749,
148.8260, 163.1386

 0.2118, 0.0000,
0.0000

197.4526,

 0.0000, 0.0000,

185.1473, 202.8574

0.0000

240.2380,
226.9440, 248.5502

■ 28.9110, 24.3530,
26.8437

■ 28.9110, 24.3530,
26.8437

■ 26.1762, 20.1945,
21.8899

■ 32.1290, 29.3219,
32.4388

■ 23.8985, 16.7998,
17.5520

■ 35.8506, 35.1378,
38.6961

■ 22.0521, 14.1227,
13.8053


■ 40.0975, 41.8392,
45.6376


■ 20.6079, 12.1107,
10.6223


■ 44.8895, 49.4612,
53.2836


■ 19.5329, 10.7038,
7.9733


■ 50.2453, 58.0368,
61.6536


 18.7885, 9.8311,
5.8253

 56.1827, 67.5977,
70.7663

 18.3471, 9.3811,
4.3441

 62.7187, 78.1738,
80.6397

 68.2524, 86.5593,
90.7521

 70.0471, 87.2771,
100.2030

Harmonies

Analogous

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



28.0240, 24.3530, 35.2665



28.9110, 24.3530, 26.8437



28.1536, 24.3530, 19.8096

Triad

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



28.9110, 24.3530, 26.8437



20.6682, 24.3530, 15.2371



20.4859, 24.3530, 41.8755

Complementary

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



28.9110, 24.3530, 26.8437



29.2483, 37.1222, 37.9733

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.



18.7718, 24.3530, 34.5878



28.9110, 24.3530, 26.8437



18.8710, 24.3530, 19.3482

Square

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



28.9110, 24.3530, 26.8437



23.2608, 24.3530, 13.9698



18.2047, 24.3530, 26.1915



23.0331, 24.3530, 44.9489

Rectangle

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



28.9110, 24.3530, 26.8437



26.8498, 24.3530, 16.5902



18.2047, 24.3530, 26.1915



19.8010, 24.3530, 39.7740

Sweetspot

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



28.9117, 24.3541, 26.8442



65.8501, 65.5142, 72.0172



28.4739, 23.7562, 43.6423



14.4043, 14.1969, 15.6245



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.9117, 24.3541, 26.8442



48.1533, 38.0902, 41.5489



29.0639, 26.4586, 21.3458



8.1034, 8.0546, 8.8552



13.1636, 6.7280, 3.2412



0.3911, 0.1971, 0.2211

Inverse Universe

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



28.9117, 24.3541, 26.8442



48.1533, 38.0902, 41.5489



28.9245, 33.9692, 45.5899



8.1034, 8.0546, 8.8552



13.1636, 6.7280, 3.2412



0.3911, 0.1971, 0.2211

Previews

White Background



This preview shows how the XYZ color 28.9110, 24.3530, 26.8437 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 28.9110, 24.3530, 26.8437 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 28.9110, 24.3530, 26.8437

Background



This preview shows how black text looks on a background with the XYZ color 28.9110, 24.3530, 26.8437.



This preview shows how white text looks on a background with the XYZ color 28.9110, 24.3530,

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

28.9110, 24.3530, 26.8437

Protanopia

23.8440, 24.5542, 30.6768

Deuteranopia

24.8839, 24.3714, 26.3143



Tritanopia

28.3222, 24.2851, 24.3138

Trichromacy



Original Color

28.9110, 24.3530, 26.8437

Protanomaly

25.5182, 24.4325, 29.3576

Deuteranomaly

26.1339, 24.2254, 26.5911

Tritanomaly

28.5266, 24.3669, 25.3901

Monochromacy



Original Color

28.9110, 24.3530, 26.8437

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.4662, 24.6469, 27.4599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9110, 24.3530, 26.8437 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(175, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(175, 120, 137)  
}
```

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(175, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 120, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.9110, 24.3530, 26.8437 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(175, 120, 137) }
```


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

```
.border{ border-color:rgb(175, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(175, 120,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9110, 24.3530, 26.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 120, 137) }
```

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

```
.background{ background-color: rgb(175,  
120, 137) }
```

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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