

Converting Colors

XYZ(28.5011, 26.0921, 21.6015)

Have a look what the booklet for
XYZ(28.5011, 26.0921, 21.6015)
contains.

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Color

**XYZ(28.4471, 26.1164,
21.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8279
RGB	172, 130, 121
RGB Percent	67%, 51%, 47%
CMY	0.3255, 0.4902, 0.5255
CMYK	0.00, 0.24, 0.30, 0.33
HSL	11°, 24%, 57%
HSV	11°, 30%, 67%
XYZ	28.4471, 26.1164, 21.6308
YIQ	141.5320, 27.9210, 6.1050

Conversions

Conversions Part 2

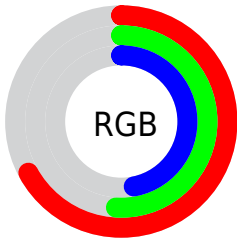
Format	Color
R_{YB}	172, 132, 121
Decimal	11305593
CIE Lab	58.15, 14.85, 11.14
CIE LCh	58, 18.567, 36.873
Yxy	26.1164, 0.3733, 0.3428
Android (android.graphics.Color)	4289495673 (0xFFAC8279)
YUV	141.5320, -10.1223, 26.7204
Hunter-Lab	51.1042, 9.9295, 10.6774

Details

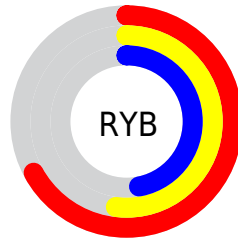
The XYZ color **28.4471, 26.1164, 21.6308** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.4284, 33.2369, 43.9469**, and the grayscale version is **25.5579, 26.8889, 29.2821**.

A 20% lighter version of the original color is **56.4712, 53.3781, 46.8618**, and **11.6461, 10.1271, 7.4718** is the 20% darker color. If you saturate the color by 10%, you get **25.7290, 22.2202, 15.9766**, and if you desaturate by 10%, it is **31.6141, 30.6089, 28.3630**.

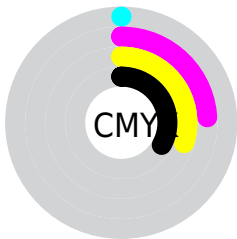
Distribution



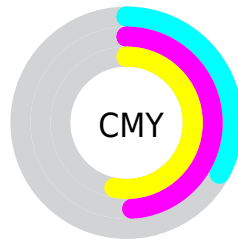
- Red (67%)
- Green (51%)
- Blue (47%)



- Red (67%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4471, 26.1164, 21.6308 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 28.4471, 26.1164, 21.6308 by changing the saturation by 10% instead.


 28.4471, 26.1164,
21.6308


 28.4471, 26.1164,
21.6308

286.6387,
283.3530, 273.5024


 18.8051, 16.9107,
13.3902


 56.6011, 53.4627,
47.0294

 11.6327, 10.1709,
7.5639


 75.8439, 72.3721,
65.0244

 6.5645, 5.5124,
3.7334


 99.0177, 95.2848,
87.1079

 3.2352, 2.5509,
1.4803

126.4878,
122.5854, 113.6985

 1.2793, 0.9021,
0.2032

158.6196,
154.6581, 145.2147

 0.1677, 0.0000,
0.0000

195.7784,

 0.0000, 0.0000,

191.8873, 182.0751

0.0000

238.3297,
234.6575, 224.6981

■ 28.4471, 26.1164,
21.6308

■ 28.4471, 26.1164,
21.6308

■ 25.7290, 22.2202,
15.9766

■ 31.6141, 30.6089,
28.3630

■ 23.4371, 18.8917,
11.3428

■ 35.2470, 35.7177,
36.2237

■ 21.5499, 16.1052,
7.6685


■ 39.3645, 41.4662,
45.2621


■ 20.0433, 13.8317,
4.8860


■ 43.9838, 47.8757,
55.5240


■ 18.8903, 12.0392,
2.9183


■ 49.1212, 54.9662,
67.0528

 18.0602, 10.6922,
1.6757


 54.7920, 62.7570,
79.8896

 17.5029, 9.7447,
0.9757

 61.0112, 71.2668,
94.0739

 17.4869, 9.7178,
0.9541

 67.2076, 80.2793,
106.5610

 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



29.3706, 26.1164, 26.9793



28.4471, 26.1164, 21.6308



26.5612, 26.1164, 18.4960

Triad

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



28.4471, 26.1164, 21.6308



21.0530, 26.1164, 23.8421



25.3442, 26.1164, 42.5965

Complementary

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



28.4471, 26.1164, 21.6308



28.4284, 33.2369, 43.9469

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.



23.1621, 26.1164, 41.4205



28.4471, 26.1164, 21.6308



20.7706, 26.1164, 29.9449

Square

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



28.4471, 26.1164, 21.6308



22.3163, 26.1164, 19.6316



21.5203, 26.1164, 36.5377



27.5104, 26.1164, 39.5443

Rectangle

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



28.4471, 26.1164, 21.6308



25.0596, 26.1164, 17.7720



21.5203, 26.1164, 36.5377



24.5876, 26.1164, 42.6890

Sweetspot

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



28.4478, 26.1176, 21.6313



64.2879, 65.2801, 66.4671



30.5066, 25.1080, 38.1243



13.7559, 13.8852, 13.9757



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.



28.4478, 26.1176, 21.6313



48.0753, 42.3251, 31.8677



32.1860, 33.5941, 22.8774



8.1153, 8.2355, 8.3753



13.0426, 7.2907, 0.7198



0.3962, 0.2695, 0.0311

Inverse Universe

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



28.4284, 33.2369, 43.9469



48.0243, 57.4599, 79.3655



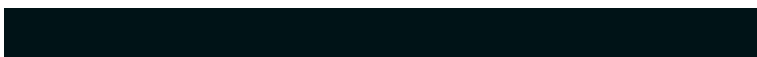
24.4203, 25.2208, 42.6109



8.1143, 8.8279, 10.2290



12.7352, 16.6042, 31.5782



0.3853, 0.5240, 0.8888

Previews

White Background



This preview shows how the XYZ color 28.4471, 26.1164, 21.6308 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 28.4471, 26.1164, 21.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

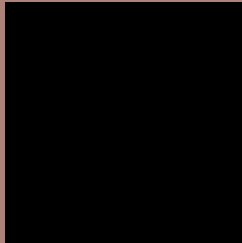
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4471, 26.1164, 21.6308

Background



This preview shows how black text looks on a background with the XYZ color 28.4471, 26.1164, 21.6308.



This preview shows how white text looks on a background with the XYZ color 28.4471, 26.1164,

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

28.4471, 26.1164, 21.6308

Protanopia

24.9980, 26.3735, 23.5117

Deuteranopia

26.7521, 26.2611, 21.4282



Tritanopia

29.6901, 26.2432, 27.1675

Trichromacy



Original Color

28.4471, 26.1164, 21.6308

Protanomaly

25.9598, 26.0321, 22.7253

Deuteranomaly

27.2947, 26.1305, 21.3744

Tritanomaly

29.1806, 26.2234, 24.9964

Monochromacy



Original Color

28.4471, 26.1164, 21.6308

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.5284, 26.6705, 26.3040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4471, 26.1164, 21.6308 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, 130, 121)` looks like.

```
.text, #text, p{  
    color:rgb(172, 130, 121)  
}
```

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, 130, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 130, 121) }
```

Border

The CSS property to change the border of an element to XYZ 28.4471, 26.1164, 21.6308 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, 130, 121) }
```


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

```
.border{ border-color:rgb(172, 130, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 130, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(172, 130,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4471, 26.1164, 21.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 130, 121) }
```

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

```
.background{ background-color: rgb(172,  
130, 121) }
```

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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