

Converting Colors

XYZ(28.1053, 26.8315, 27.4773)

Have a look what the booklet for
XYZ(28.1053, 26.8315, 27.4773)
contains.

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Color

**XYZ(28.0796, 26.8155,
27.3629)**

Conversions

Conversions Part 1

Format	Color
Hex	A28789
RGB	162, 135, 137
RGB Percent	64%, 53%, 54%
CMY	0.3647, 0.4706, 0.4627
CMYK	0.00, 0.17, 0.15, 0.36
HSL	356°, 13%, 58%
HSV	356°, 17%, 64%
XYZ	28.0796, 26.8155, 27.3629
YIQ	143.3010, 15.4500, 6.3460

Conversions

Conversions Part 2

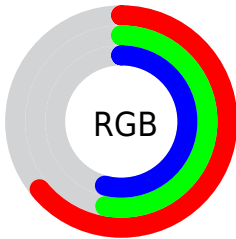
Format	Color
R_{YB}	162, 135, 137
Decimal	10651529
CIE _{Lab}	58.80, 10.58, 2.76
CIE _{LCh}	59, 10.934, 14.620
Yxy	26.8155, 0.3414, 0.3260
Android (android.graphics.Color)	4288841609 (0xFFA28789)
YUV	143.3010, -3.1064, 16.3990
Hunter-Lab	51.7837, 6.1698, 4.9193

Details

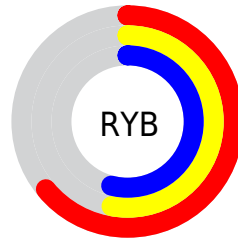
The XYZ color **28.0796, 26.8155, 27.3629** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2582, 33.5302, 38.1892**, and the grayscale version is **26.2370, 27.6034, 30.0601**.

A 20% lighter version of the original color is **55.8928, 54.4359, 56.2765**, and **11.3992, 10.5001, 10.4427** is the 20% darker color. If you saturate the color by 10%, you get **24.9867, 22.2336, 21.3867**, and if you desaturate by 10%, it is **31.6676, 32.1475, 34.2430**.

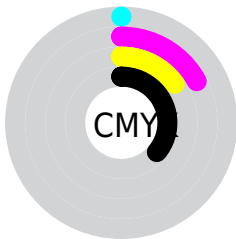
Distribution



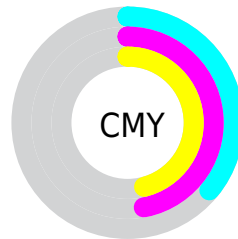
- Red (64%)
- Green (53%)
- Blue (54%)



- Red (64%)
- Yellow (53%)
- Blue (54%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0796, 26.8155, 27.3629 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 28.0796, 26.8155, 27.3629 by changing the saturation by 10% instead.

■ 28.0796, 26.8155,
27.3629

■ 28.0796, 26.8155,
27.3629

284.9203,
286.7627, 303.2255

■ 18.5264, 17.4347,
17.6111

■ 56.0193, 54.5877,
56.4765

■ 11.4306, 10.5449,
10.5046

■ 75.1365, 73.7478,
76.6753

■ 6.4266, 5.7617,
5.6248

■ 98.1724, 96.9366,
101.1936

■ 3.1493, 2.7007,
2.5533

125.4924,
124.5383, 130.4499

■ 1.2332, 0.9776,
0.8682

157.4618,
156.9373, 164.8627

■ 0.1323, 0.0000,
0.0000

194.4460,

■ 0.0000, 0.0000,

194.5182, 204.8505

0.0000

236.8104,
237.6652, 250.8319

■ 28.0796, 26.8155,
27.3629

■ 28.0796, 26.8155,
27.3629

■ 24.9867, 22.2336,
21.3867

■ 31.6676, 32.1475,
34.2430

■ 22.3650, 18.3648,
16.2753

■ 35.7687, 38.2574,
42.0606

■ 20.1921, 15.1743,
11.9890

■ 40.4029, 45.1759,
50.8497

■ 18.4426, 12.6230,
8.4846

■ 45.5883, 52.9310,
60.6421

■ 17.0890, 10.6678,
5.7147

■ 51.3422, 61.5493,
71.4680

■ 16.1001, 9.2603,
3.6272

■ 57.6812, 71.0565,
83.3565

■ 15.4403, 8.3444,
2.1626

■ 64.6212, 81.4768,
96.3355

■ 15.0601, 7.8392,
1.2491

■ 68.7104, 86.4214,
107.6673

■ 14.9666, 7.7079,
1.0462

Harmonies

Analogous

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



28.0701, 26.8155, 31.2117



28.0796, 26.8155, 27.3629



27.3779, 26.8155, 24.2858

Triad

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



28.0796, 26.8155, 27.3629



23.7090, 26.8155, 24.2243



24.8058, 26.8155, 36.9590

Complementary

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



28.0796, 26.8155, 27.3629



29.2582, 33.5302, 38.1892

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.



23.6859, 26.8155, 34.7305



28.0796, 26.8155, 27.3629



23.0680, 26.8155, 27.2719

Square

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



28.0796, 26.8155, 27.3629



24.8384, 26.8155, 22.5852



23.0597, 26.8155, 31.1124



26.1474, 26.8155, 36.9888

Rectangle

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



28.0796, 26.8155, 27.3629



26.6150, 26.8155, 22.9889



23.0597, 26.8155, 31.1124



24.3920, 26.8155, 36.4340

Sweetspot

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



28.0803, 26.8167, 27.3635



58.5959, 60.0070, 64.2784



29.6336, 27.3857, 37.9067



13.0538, 13.3187, 14.2331



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.0803, 26.8167, 27.3635



48.7880, 45.4362, 45.4559



29.5917, 30.0665, 27.1670



7.0940, 7.0941, 7.4817



11.7978, 6.0752, 0.8599



0.2539, 0.1301, 0.0496

Inverse Universe

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



28.0803, 26.8167, 27.3635



48.7880, 45.4362, 45.4559



27.5407, 29.8133, 38.4856



7.0940, 7.0941, 7.4817



11.7978, 6.0752, 0.8599



0.2539, 0.1301, 0.0496

Previews

White Background



This preview shows how the XYZ color 28.0796, 26.8155, 27.3629 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 28.0796, 26.8155, 27.3629 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 28.0796, 26.8155, 27.3629

Background



This preview shows how black text looks on a background with the XYZ color 28.0796, 26.8155, 27.3629.



This preview shows how white text looks on a background with the XYZ color 28.0796, 26.8155,

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

28.0796, 26.8155, 27.3629

Protanopia

25.7601, 26.8725, 28.6401

Deuteranopia

27.3656, 26.8656, 27.4102



Tritanopia

28.6634, 26.8503, 30.0575

Trichromacy



Original Color

28.0796, 26.8155, 27.3629

Protanomaly

26.6553, 26.9086, 28.2151

Deuteranomaly

27.6176, 26.7854, 27.3814

Tritanomaly

28.4371, 26.7598, 28.8657

Monochromacy



Original Color

28.0796, 26.8155, 27.3629

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.7635, 27.1633, 29.0318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0796, 26.8155, 27.3629 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(162, 135, 137)` looks like.

```
.text, #text, p{  
    color:rgb(162, 135, 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(162, 135, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 135, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.0796, 26.8155, 27.3629 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(162, 135, 137) }
```


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

```
.border{ border-color:rgb(162, 135, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 135, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 135, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 135, 137);  
box-shadow:4px 4px 4px 4px rgb(162, 135,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0796, 26.8155, 27.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 135, 137) }
```

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

```
.background{ background-color: rgb(162,  
135, 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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