

Converting Colors

XYZ(28.0308, 26.7028, 31.2836)

Have a look what the booklet for
XYZ(28.0308, 26.7028, 31.2836)
contains.

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Color

**XYZ(28.0310, 26.7036,
31.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8793
RGB	158, 135, 147
RGB Percent	62%, 53%, 58%
CMY	0.3804, 0.4706, 0.4235
CMYK	0.00, 0.15, 0.07, 0.38
HSL	329°, 11%, 57%
HSV	329°, 15%, 62%
XYZ	28.0310, 26.7036, 31.2807
YIQ	143.2450, 9.8560, 8.6080

Conversions

Conversions Part 2

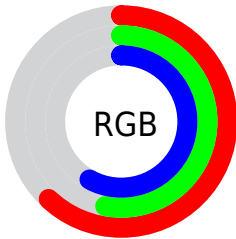
Format	Color
R _Y B	158, 135, 147
Decimal	10389395
CIE _{Lab}	58.70, 10.84, -3.18
CIE _{LCh}	59, 11.293, 343.662
Yxy	26.7036, 0.3259, 0.3105
Android (android.graphics.Color)	4288579475 (0xFF9E8793)
YUV	143.2450, 1.8512, 12.9401
Hunter-Lab	51.6755, 6.3938, 0.2829

Details

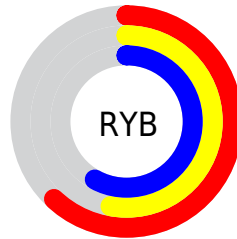
The XYZ color **28.0310, 26.7036, 31.2807** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4079, 31.6807, 31.8661**, and the grayscale version is **26.1970, 27.5613, 30.0142**.

A 20% lighter version of the original color is **55.9664, 54.3296, 62.7953**, and **11.3037, 10.4057, 12.4791** is the 20% darker color. If you saturate the color by 10%, you get **25.4145, 22.3884, 27.5783**, and if you desaturate by 10%, it is **31.0152, 31.6910, 35.2986**.

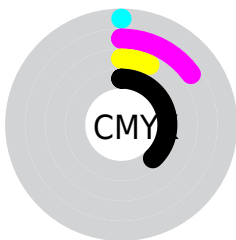
Distribution



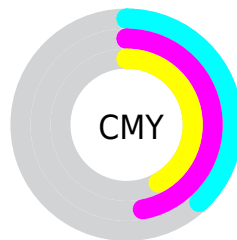
- Red (62%)
- Green (53%)
- Blue (58%)



- Red (62%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (38%)



- Cyan (38%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0310, 26.7036, 31.2807 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 28.0310, 26.7036, 31.2807 by changing the saturation by 10% instead.

■ 28.0310, 26.7036,
31.2807

■ 28.0310, 26.7036,
31.2807

284.6924,
286.2191, 322.2206

■ 18.4896, 17.3507,
20.5524

■ 55.9422, 54.4079,
62.7665

■ 11.4039, 10.4849,
12.6092

■ 75.0428, 73.5281,
84.3611

■ 6.4085, 5.7216,
7.0324

■ 98.0604, 96.6729,
110.4149

■ 3.1380, 2.6766,
3.4036

125.3605,
124.2266, 141.3464

■ 1.2272, 0.9653,
1.3043

157.3084,
156.5737, 177.5742

■ 0.1277, 0.0000,
0.0653

194.2694,

■ 0.0000, 0.0000,

194.0986, 219.5168

0.0000

236.6090,
237.1856, 267.5927

■ 28.0310, 26.7036,
31.2807

■ 28.0310, 26.7036,
31.2807

■ 25.4145, 22.3884,
27.5783

■ 31.0152, 31.6910,
35.2986

■ 23.1483, 18.7130,
24.1809

■ 34.3789, 37.3745,
39.6385

■ 21.2169, 15.6473,
21.0799

■ 38.1364, 43.7807,
44.3089

■ 19.6029, 13.1575,
18.2656

■ 42.3003, 50.9342,
49.3175

■ 18.2869, 11.2066,
15.7277

■ 46.8830, 58.8583,
54.6716

■ 17.2477, 9.7530,
13.4546

■ 51.8959, 67.5750,
60.3783

■ 16.4606, 8.7491,
11.4341

■ 57.3503, 77.1059,
66.4445

■ 15.8957, 8.1366,
9.6516

■ 61.1796, 83.3168,
72.1844

■ 15.6400, 7.8849,
8.7656

■ 62.1288, 83.6964,
77.1826

Harmonies

Analogous

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



27.2698, 26.7036, 34.9672



28.0310, 26.7036, 31.2807



28.0655, 26.7036, 27.3063

Triad

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



28.0310, 26.7036, 31.2807



24.7554, 26.7036, 22.2588



23.4976, 26.7036, 34.6824

Complementary

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



28.0310, 26.7036, 31.2807



27.4079, 31.6807, 31.8661

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.



22.8733, 26.7036, 30.9199



28.0310, 26.7036, 31.2807



23.5814, 26.7036, 23.8861

Square

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



28.0310, 26.7036, 31.2807



26.1397, 26.7036, 22.3363



22.9035, 26.7036, 26.9768



24.6371, 26.7036, 37.0503

Rectangle

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



28.0310, 26.7036, 31.2807



27.6693, 26.7036, 25.0388



22.9035, 26.7036, 26.9768



23.2224, 26.7036, 33.5246

Sweetspot

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



28.0318, 26.7048, 31.2813



56.5982, 58.0133, 64.4638



26.6433, 25.8844, 35.9402



12.6662, 12.9213, 14.4098



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.0318, 26.7048, 31.2813



49.5195, 46.1987, 54.8820



27.1928, 26.3692, 26.8636



6.7703, 6.7010, 7.6416



12.5459, 6.3229, 7.1258



0.2457, 0.1216, 0.2397

Inverse Universe

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



28.0318, 26.7048, 31.2813



49.5195, 46.1987, 54.8820



28.3251, 32.0476, 36.6962



6.7703, 6.7010, 7.6416



12.5459, 6.3229, 7.1258



0.2457, 0.1216, 0.2397

Previews

White Background



This preview shows how the XYZ color 28.0310, 26.7036, 31.2807 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 28.0310, 26.7036, 31.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

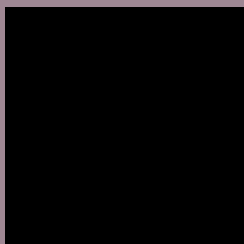
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0310, 26.7036, 31.2807

Background



This preview shows how black text looks on a background with the XYZ color 28.0310, 26.7036, 31.2807.



This preview shows how white text looks on a background with the XYZ color 28.0310, 26.7036,

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

28.0310, 26.7036, 31.2807

Protanopia

25.8676, 26.6209, 32.6291

Deuteranopia

27.3490, 26.7702, 31.3295



Tritanopia

27.9528, 26.6724, 30.8691

Trichromacy



Original Color

28.0310, 26.7036, 31.2807

Protanomaly

26.5459, 26.5499, 32.1593

Deuteranomaly

27.5882, 26.6835, 31.3001

Tritanomaly

27.9528, 26.6724, 30.8691

Monochromacy



Original Color

28.0310, 26.7036, 31.2807

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.6249, 27.0657, 30.2065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0310, 26.7036, 31.2807 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(158, 135, 147)` looks like.

```
.text, #text, p{  
    color:rgb(158, 135, 147)  
}
```

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(158, 135, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 135, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.0310, 26.7036, 31.2807 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(158, 135, 147) }
```


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

```
.border{ border-color:rgb(158, 135, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 135, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 135, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 135, 147);  
box-shadow:4px 4px 4px 4px rgb(158, 135,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0310, 26.7036, 31.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 135, 147) }
```

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

```
.background{ background-color: rgb(158,  
135, 147) }
```

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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