

Converting Colors

XYZ(28.2209, 30.3104, 27.8050)

Have a look what the booklet for
XYZ(28.2209, 30.3104, 27.8050)
contains.

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Color

**XYZ(28.1128, 30.1696,
27.6342)**

Conversions

Conversions Part 1

Format	Color
Hex	979688
RGB	151, 150, 136
RGB Percent	59%, 59%, 53%
CMY	0.4078, 0.4117, 0.4667
CMYK	0.00, 0.01, 0.10, 0.41
HSL	56°, 7%, 56%
HSV	56°, 10%, 59%
XYZ	28.1128, 30.1696, 27.6342
YIQ	148.7030, 5.0900, -4.1420

Conversions

Conversions Part 2

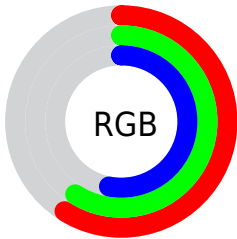
Format	Color
RYB	137, 151, 136
Decimal	9934472
CIELab	61.80, -2.21, 7.51
CIELCh	62, 7.829, 106.375
Yxy	30.1696, 0.3272, 0.3511
Android (android.graphics.Color)	4288124552 (0xFF979688)
YUV	148.7030, -6.2626, 2.0145
Hunter-Lab	54.9269, -4.7617, 8.6195

Details

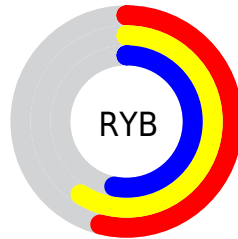
The XYZ color **28.1128, 30.1696, 27.6342** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6849, 25.3595, 32.8723**, and the grayscale version is **28.4670, 29.9495, 32.6150**.

A 20% lighter version of the original color is **55.9550, 59.8390, 56.7450**, and **11.3971, 12.3049, 10.5785** is the 20% darker color. If you saturate the color by 10%, you get **26.9553, 29.4524, 22.3216**, and if you desaturate by 10%, it is **29.4246, 30.9526, 33.7449**.

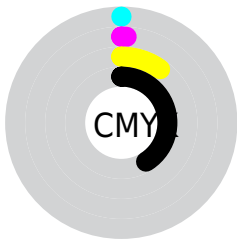
Distribution



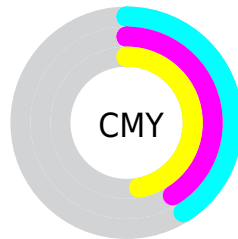
- Red (59%)
- Green (59%)
- Blue (53%)



- Red (54%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1128, 30.1696, 27.6342 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 28.1128, 30.1696, 27.6342 by changing the saturation by 10% instead.

■ 28.1128, 30.1696,
27.6342

■ 28.1128, 30.1696,
27.6342

285.0758,
302.6942, 304.5716

■ 18.5516, 19.9674,
17.8135

■ 56.0719, 59.9303,
56.9159

■ 11.4488, 12.3713,
10.6481

■ 75.2004, 80.2575,
77.2140

■ 6.4391, 6.9971,
5.7195

■ 98.2488, 104.7285,
101.8416

■ 3.1570, 3.4603,
2.6093

125.5824,
133.7277, 131.2173

■ 1.2373, 1.3765,
0.8972

157.5666,
167.6395, 165.7596

■ 0.1355, 0.1993,
0.0000

194.5666,

■ 0.0000, 0.0000,

206.8482, 205.8871

0.0000

236.9479,
251.7383, 252.0182

■ 28.1128, 30.1696,
27.6342

■ 28.1128, 30.1696,
27.6342

■ 26.9553, 29.4524,
22.3216

■ 29.4246, 30.9526,
33.7449

■ 25.9432, 28.7947,
17.7721

■ 30.8941, 31.8000,
40.6831

■ 25.0708, 28.1949,
13.9508

■ 32.5277, 32.7152,
48.4787

■ 24.3306, 27.6503,
10.8196

■ 34.3308, 33.7004,
57.1599

■ 23.7148, 27.1575,
8.3367

■ 36.3084, 34.7576,
66.7535

■ 23.2147, 26.7132,
6.4559

■ 38.4655, 35.8888,
77.2850

■ 22.8202, 26.3133,
5.1248

■ 40.8067, 37.0959,
88.7792

■ 22.5197, 25.9532,
4.2820

■ 43.0450, 38.2641,
99.7247

■ 22.2839, 25.6211,
3.7738

■ 43.2169, 38.6079,
99.7820

Harmonies

Analogous

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



29.1510, 30.1696, 27.5706



28.1128, 30.1696, 27.6342



27.2459, 30.1696, 29.0388

Triad

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



28.1128, 30.1696, 27.6342



27.3118, 30.1696, 37.1916



30.6718, 30.1696, 34.2232

Complementary

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



28.1128, 30.1696, 27.6342



24.6849, 25.3595, 32.8723

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.



30.1538, 30.1696, 36.9800



28.1128, 30.1696, 27.6342



28.2048, 30.1696, 38.7627

Square

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



28.1128, 30.1696, 27.6342



26.7912, 30.1696, 34.4980



29.2453, 30.1696, 38.6830



30.6457, 30.1696, 31.2545

Rectangle

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



28.1128, 30.1696, 27.6342



26.8743, 30.1696, 30.5980



29.2453, 30.1696, 38.6830



30.5550, 30.1696, 35.2090

Sweetspot

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



28.1136, 30.1709, 27.6348



51.9313, 54.9817, 56.8544



26.0824, 25.9942, 27.3101



11.7614, 12.4718, 12.7267



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.1136, 30.1709, 27.6348



49.8452, 53.7252, 47.1706



27.1001, 29.8856, 27.6332



6.6738, 7.1526, 6.6347



18.9642, 21.8108, 3.2104



0.2926, 0.3443, 0.0510

Inverse Universe

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



24.6849, 25.3595, 32.8723



42.3950, 43.2706, 58.5513



25.6318, 25.6383, 32.8762



5.9158, 6.0890, 7.7925



4.8533, 2.1032, 25.0579



0.0802, 0.0468, 0.3772

Previews

White Background



This preview shows how the XYZ color 28.1128, 30.1696, 27.6342 looks on a white background.

Color Contrast Check

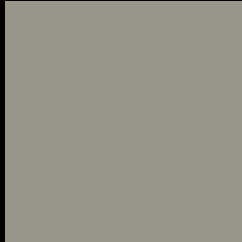
Large Text (above 18pt) WCAG AA × Fail

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 28.1128, 30.1696, 27.6342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

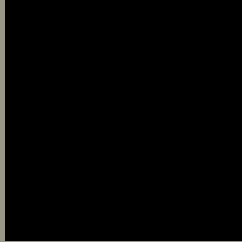
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.1128, 30.1696, 27.6342

Background



This preview shows how black text looks on a background with the XYZ color 28.1128, 30.1696, 27.6342.



This preview shows how white text looks on a background with the XYZ color 28.1128, 30.1696,

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

28.1128, 30.1696, 27.6342

Protanopia

28.6382, 30.2127, 27.2439

Deuteranopia

30.6371, 30.0775, 27.8577



Tritanopia

29.9317, 30.2061, 36.6005

Trichromacy



Original Color

28.1128, 30.1696, 27.6342

Protanomaly

28.4470, 30.1142, 27.2350

Deuteranomaly

29.6945, 30.0453, 27.9012

Tritanomaly

29.2318, 30.1541, 33.1338

Monochromacy



Original Color

28.1128, 30.1696, 27.6342

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.3592, 29.9925, 30.6800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1128, 30.1696, 27.6342 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(151, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(151, 150, 136)  
}
```

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(151, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 150, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.1128, 30.1696, 27.6342 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(151, 150, 136) }
```


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

```
.border{ border-color:rgb(151, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(151, 150,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1128, 30.1696, 27.6342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 150, 136) }
```

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

```
.background{ background-color: rgb(151,  
150, 136) }
```

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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