

Converting Colors

XYZ(28.4502, 30.8727, 28.0008)

Have a look what the booklet for
XYZ(28.4502, 30.8727, 28.0008)
contains.

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Color

**XYZ(28.5061, 30.8419,
28.1176)**

Conversions

Conversions Part 1

Format	Color
Hex	979889
RGB	151, 152, 137
RGB Percent	59%, 60%, 54%
CMY	0.4078, 0.4039, 0.4627
CMYK	0.01, 0.00, 0.10, 0.40
HSL	64°, 7%, 57%
HSV	64°, 10%, 60%
XYZ	28.5061, 30.8419, 28.1176
YIQ	149.9910, 4.2190, -4.8770

Conversions

Conversions Part 2

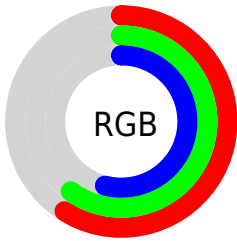
Format	Color
RYB	137, 152, 138
Decimal	9934985
CIELab	62.37, -3.13, 7.77
CIELCh	62, 8.375, 111.972
Yxy	30.8419, 0.3259, 0.3526
Android (android.graphics.Color)	4288125065 (0xFF979889)
YUV	149.9910, -6.4046, 0.8849
Hunter-Lab	55.5355, -5.5639, 8.8563

Details

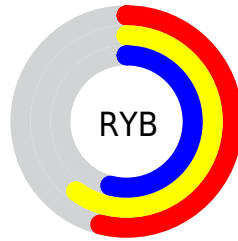
The XYZ color **28.5061, 30.8419, 28.1176** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0956, 25.5624, 33.3187**, and the grayscale version is **29.0114, 30.5222, 33.2387**.

A 20% lighter version of the original color is **56.5424, 60.8395, 57.4783**, and **11.6295, 12.7048, 10.8562** is the 20% darker color. If you saturate the color by 10%, you get **27.3042, 30.3405, 22.7650**, and if you desaturate by 10%, it is **29.8649, 31.4083, 34.2808**.

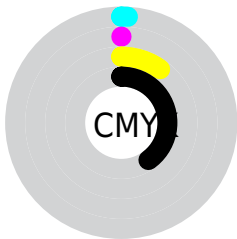
Distribution



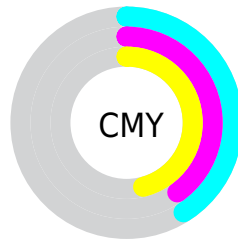
- Red (59%)
- Green (60%)
- Blue (54%)



- Red (54%)
- Yellow (60%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (41%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5061, 30.8419, 28.1176 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 28.5061, 30.8419, 28.1176 by changing the saturation by 10% instead.

■ 28.5061, 30.8419,
28.1176

■ 28.5061, 30.8419,
28.1176

286.9138,
305.8093, 306.9580

■ 18.8499, 20.4785,
18.1745

■ 56.6945, 60.9911,
57.6975

■ 11.6652, 12.7433,
10.9046

■ 75.9573, 81.5456,
78.1714

■ 6.5867, 7.2520,
5.8894

■ 99.1532, 106.2660,
102.9926

■ 3.2490, 3.6202,
2.7102

126.6473,
135.5366, 132.5798

■ 1.2868, 1.4635,
0.9486

158.8051,
169.7419, 167.3513

■ 0.1733, 0.2628,
0.0000

195.9918,

■ 0.0000, 0.0000,

209.2661, 207.7259

0.0000

238.5730,
254.4938, 254.1219

■ 28.5061, 30.8419,
28.1176

■ 28.5061, 30.8419,
28.1176

■ 27.3042, 30.3405,
22.7650

■ 29.8649, 31.4083,
34.2808

■ 26.2504, 29.8974,
18.1872

■ 31.3842, 32.0381,
41.2842

■ 25.3386, 29.5114,
14.3491

■ 33.0705, 32.7349,
49.1585

■ 24.5615, 29.1794,
11.2116

■ 34.9292, 33.5008,
57.9322

■ 23.9110, 28.8983,
8.7325

■ 36.9655, 34.3380,
67.6325

■ 23.3782, 28.6644,
6.8647

■ 39.1844, 35.2483,
78.2854

■ 22.9529, 28.4737,
5.5550

■ 41.5905, 36.2338,
89.9159

■ 22.6235, 28.3215,
4.7412

■ 43.6027, 37.0619,
99.4633

■ 22.3605, 28.1961,
4.2696

■ 43.8052, 37.1663,
99.4728

Harmonies

Analogous

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



29.6198, 30.8419, 27.7705



28.5061, 30.8419, 28.1176



27.6302, 30.8419, 29.8800

Triad

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



28.5061, 30.8419, 28.1176



27.9916, 30.8419, 38.7441



31.5266, 30.8419, 34.4611

Complementary

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



28.5061, 30.8419, 28.1176



25.0956, 25.5624, 33.3187

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.



31.0654, 30.8419, 37.5769



28.5061, 30.8419, 28.1176



29.0109, 30.8419, 40.1516

Square

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



28.5061, 30.8419, 28.1176



27.3386, 30.8419, 35.9724



30.1376, 30.8419, 39.7112



31.3830, 30.8419, 31.2991

Rectangle

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



28.5061, 30.8419, 28.1176



27.2896, 30.8419, 31.6861



30.1376, 30.8419, 39.7112



31.4367, 30.8419, 35.5512

Sweetspot

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



28.5069, 30.8432, 28.1183



51.9171, 55.1057, 56.8791



26.5537, 26.6593, 27.4136



11.7574, 12.5071, 12.7337



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.



28.5069, 30.8432, 28.1183



49.7888, 54.2190, 47.2689



27.1591, 30.1484, 28.0552



6.6681, 7.2019, 6.6445



18.7553, 23.6446, 3.5754



0.2909, 0.3589, 0.0539

Inverse Universe

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



25.0956, 25.5624, 33.3187



42.4432, 42.8478, 58.4671



26.3795, 26.2243, 33.3788



5.9208, 6.0451, 7.7837



4.8694, 1.9613, 25.0296



0.0817, 0.0339, 0.3746

Previews

White Background



This preview shows how the XYZ color 28.5061, 30.8419, 28.1176 looks on a white background.

Color Contrast Check

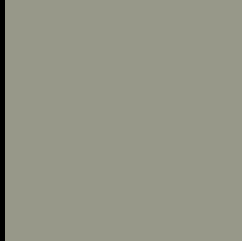
Large Text (above 18pt) WCAG AA × Fail

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 28.5061, 30.8419, 28.1176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

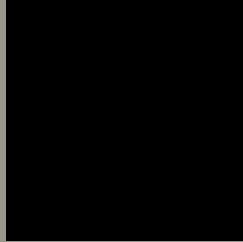
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

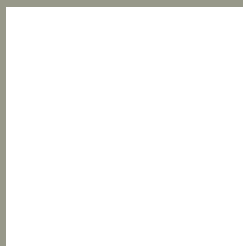
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5061, 30.8419, 28.1176

Background



This preview shows how black text looks on a background with the XYZ color 28.5061, 30.8419, 28.1176.



This preview shows how white text looks on a background with the XYZ color 28.5061, 30.8419,

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

28.5061, 30.8419, 28.1176

Protanopia

29.2549, 30.7584, 27.6876

Deuteranopia

31.2904, 30.6318, 28.3081



Tritanopia

30.4190, 30.9030, 37.6193

Trichromacy



Original Color

28.5061, 30.8419, 28.1176

Protanomaly

29.0281, 30.8794, 27.7229

Deuteranomaly

30.2816, 30.8013, 28.3940

Tritanomaly

29.7107, 30.8520, 34.0949

Monochromacy



Original Color

28.5061, 30.8419, 28.1176

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7551, 30.6616, 31.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5061, 30.8419, 28.1176 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, 152, 137)` looks like.

```
.text, #text, p{  
    color:rgb(151, 152, 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(151, 152, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 152, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.5061, 30.8419, 28.1176 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, 152, 137) }
```


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

```
.border{ border-color:rgb(151, 152, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 152, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 152, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 152, 137);  
box-shadow:4px 4px 4px 4px rgb(151, 152,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5061, 30.8419, 28.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 152, 137) }
```

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

```
.background{ background-color: rgb(151,  
152, 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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