

Converting Colors

XYZ(29.4866, 31.1075, 28.1171)

Have a look what the booklet for
XYZ(29.4866, 31.1075, 28.1171)
contains.

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Color

**XYZ(29.4866, 31.1075,
28.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9789
RGB	157, 151, 137
RGB Percent	62%, 59%, 54%
CMY	0.3843, 0.4078, 0.4627
CMYK	0.00, 0.04, 0.13, 0.38
HSL	42°, 9%, 58%
HSV	42°, 13%, 62%
XYZ	29.4866, 31.1075, 28.1171
YIQ	151.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

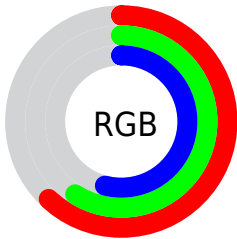
Format	Color
RYB	146, 157, 137
Decimal	10327945
CIELab	62.60, -0.31, 8.15
CIELCh	63, 8.160, 92.152
Yxy	31.1075, 0.3324, 0.3507
Android (android.graphics.Color)	4288518025 (0xFF9D9789)
YUV	151.1980, -6.9996, 5.0884
Hunter-Lab	55.7741, -3.2355, 9.1523

Details

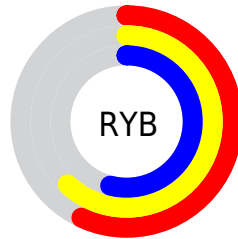
The XYZ color **29.4866, 31.1075, 28.1171** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2246, 27.3970, 35.8045**, and the grayscale version is **29.5275, 31.0653, 33.8301**.

A 20% lighter version of the original color is **58.2770, 61.3774, 57.4907**, and **12.2213, 12.8666, 10.8562** is the 20% darker color. If you saturate the color by 10%, you get **27.6991, 29.2054, 22.3634**, and if you desaturate by 10%, it is **31.4700, 33.1384, 34.7454**.

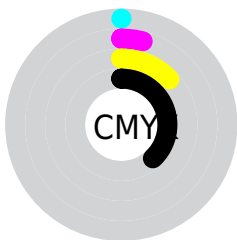
Distribution



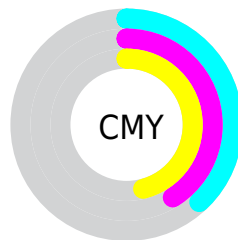
- Red (62%)
- Green (59%)
- Blue (54%)



- Red (57%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4866, 31.1075, 28.1171 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 29.4866, 31.1075, 28.1171 by changing the saturation by 10% instead.

■ 29.4866, 31.1075,
28.1171

■ 29.4866, 31.1075,
28.1171

291.4570,
307.0333, 306.9556

■ 19.5954, 20.6807,
18.1741

■ 58.2415, 61.4093,
57.6967

■ 12.2078, 12.8908,
10.9043

■ 77.8359, 82.0531,
78.1704

■ 6.9586, 7.3534,
5.8892

■ 101.3954,
106.8713, 102.9915

■ 3.4823, 3.6841,
2.7101

129.2854,
136.2484, 132.5784

■ 1.4136, 1.4985,
0.9485

161.8712,
170.5688, 167.3497

■ 0.2659, 0.2876,
0.0000

199.5181,

■ 0.0000, 0.0000,

210.2168, 207.7240

0.0000

242.5916,
255.5768, 254.1198

■ 29.4866, 31.1075,
28.1171

■ 29.4866, 31.1075,
28.1171

■ 27.6991, 29.2054,
22.3634

■ 31.4700, 33.1384,
34.7454

■ 26.0976, 27.4245,
17.4451

■ 33.6536, 35.2974,
42.2814

■ 24.6749, 25.7624,
13.3229

■ 36.0450, 37.5889,
50.7587

■ 23.4225, 24.2152,
9.9536

■ 38.6504, 40.0161,
60.2087

■ 22.3311, 22.7785,
7.2898

■ 41.4758, 42.5818,
70.6614

■ 21.3904, 21.4475,
5.2788

■ 44.5269, 45.2889,
82.1453

■ 20.5884, 20.2170,
3.8602

■ 47.8093, 48.1400,
94.6881

■ 19.9112, 19.0807,
2.9624

■ 50.0799, 50.6385,
101.7425

■ 19.4728, 18.3043,
2.5067

■ 51.1067, 52.6921,
102.0847

Harmonies

Analogous

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



30.5760, 31.1075, 28.7438



29.4866, 31.1075, 28.1171



28.4443, 31.1075, 28.9502

Triad

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



29.4866, 31.1075, 28.1171



27.7946, 31.1075, 37.2323



31.4962, 31.1075, 36.8101

Complementary

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



29.4866, 31.1075, 28.1171



26.2246, 27.3970, 35.8045

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.



30.7183, 31.1075, 39.3195



29.4866, 31.1075, 28.1171



28.5800, 31.1075, 39.5738

Square

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



29.4866, 31.1075, 28.1171



27.4828, 31.1075, 34.1010



29.6470, 31.1075, 40.3603



31.7534, 31.1075, 33.6416

Rectangle

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



29.4866, 31.1075, 28.1171



27.9116, 31.1075, 30.2536



29.6470, 31.1075, 40.3603



31.2860, 31.1075, 37.7653

Sweetspot

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



29.4874, 31.1089, 28.1178



55.8633, 58.8474, 60.5435



27.8085, 27.0430, 29.7411



12.2350, 12.8909, 13.1282



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.4874, 31.1089, 28.1178



51.9594, 54.8219, 47.5815



29.7095, 32.6927, 28.4118



7.0021, 7.3843, 7.0419



15.8487, 14.9331, 2.0471



0.3183, 0.3369, 0.0482

Inverse Universe

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



26.2246, 27.3970, 35.8045



45.0672, 46.9814, 63.8198



26.0163, 25.9888, 35.5437



6.4388, 6.7434, 8.3689



5.8000, 3.6915, 26.3141



0.1382, 0.1349, 0.4820

Previews

White Background



This preview shows how the XYZ color 29.4866, 31.1075, 28.1171 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 29.4866, 31.1075, 28.1171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

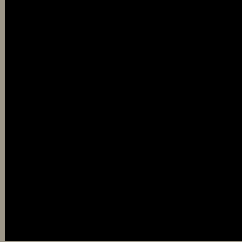
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

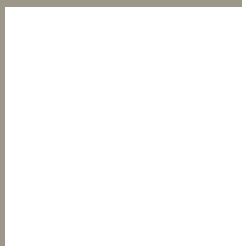
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4866, 31.1075, 28.1171

Background



This preview shows how black text looks on a background with the XYZ color 29.4866, 31.1075, 28.1171.

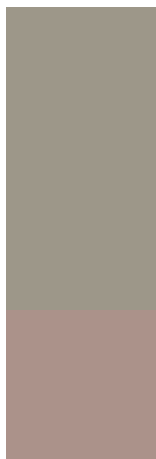


This preview shows how white text looks on a background with the XYZ color 29.4866, 31.1075,

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

29.4866, 31.1075, 28.1171

Protanopia

29.4866, 31.1075, 28.1171

Deuteranopia

31.6609, 31.0507, 28.3694



Tritanopia

31.3451, 31.1566, 37.1626

Trichromacy



Original Color

29.4866, 31.1075, 28.1171

Protanomaly

29.4866, 31.1075, 28.1171

Deuteranomaly

30.9032, 31.1218, 28.4231

Tritanomaly

30.6314, 31.1002, 33.6666

Monochromacy



Original Color

29.4866, 31.1075, 28.1171

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3918, 30.9808, 31.6249

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4866, 31.1075, 28.1171 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(157, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 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(157, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 137) }
```

Border

The CSS property to change the border of an element to XYZ 29.4866, 31.1075, 28.1171 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(157, 151, 137) }
```


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

```
.border{ border-color:rgb(157, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 151, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 151, 137); box-shadow:4px 4px 4px 4px rgb(157, 151, 137) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4866, 31.1075, 28.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 137) }
```

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

```
.background{ background-color: rgb(157,  
151, 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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