

Converting Colors

XYZ(31.0880, 27.0153, 24.9436)

Have a look what the booklet for
XYZ(31.0880, 27.0153, 24.9436)
contains.

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Color

**XYZ(31.1073, 27.0221,
25.0490)**

Conversions

Conversions Part 1

Format	Color
Hex	B68083
RGB	182, 128, 131
RGB Percent	71%, 50%, 51%
CMY	0.2863, 0.4980, 0.4863
CMYK	0.00, 0.30, 0.28, 0.29
HSL	357°, 27%, 61%
HSV	357°, 30%, 71%
XYZ	31.1073, 27.0221, 25.0490
YIQ	144.4880, 31.2210, 12.3810

Conversions

Conversions Part 2

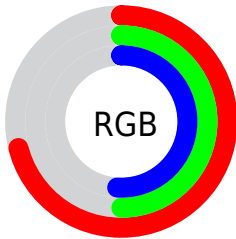
Format	Color
RYB	182, 128, 131
Decimal	11960451
CIELab	58.99, 21.32, 6.75
CIElCh	59, 22.361, 17.578
Yxy	27.0221, 0.3740, 0.3249
Android (android.graphics.Color)	4290150531 (0xFFB68083)
YUV	144.4880, -6.6496, 32.8980
Hunter-Lab	51.9828, 15.8473, 7.8178

Details

The XYZ color **31.1073, 27.0221, 25.0490** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.7678, 41.3004, 48.8419**, and the grayscale version is **26.7239, 28.1157, 30.6180**.

A 20% lighter version of the original color is **60.7722, 54.8592, 52.7332**, and **13.1495, 10.6472, 9.3447** is the 20% darker color. If you saturate the color by 10%, you get **27.8728, 22.2654, 18.6918**, and if you desaturate by 10%, it is **34.9623, 32.7102, 32.5673**.

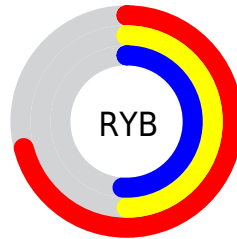
Distribution



Red (71%)

Green (50%)

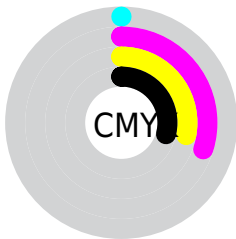
Blue (51%)



Red (71%)

Yellow (50%)

Blue (51%)

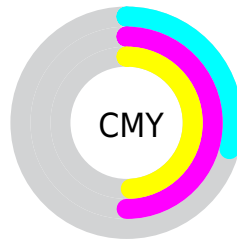


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1073, 27.0221, 25.0490 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 31.1073, 27.0221, 25.0490 by changing the saturation by 10% instead.


 31.1073, 27.0221,
25.0490


 31.1073, 27.0221,
25.0490


298.8504,
287.7641, 291.5374


 20.8328, 17.5898,
15.8942


 60.7837, 54.9193,
52.7018

 13.1136, 10.6559,
9.2958


 80.9162, 74.1531,
72.0369

 7.5844, 5.8360,
4.8352


 105.0655, 97.4228,
95.6025

 3.8797, 2.7456,
2.0938

133.5969,
125.1128, 123.8172

 1.6343, 1.0004,
0.6121

166.8757,
157.6075, 157.0995

 0.4146, 0.0000,
0.0000

205.2673,

 0.0000, 0.0000,

195.2914, 195.8679

0.0000

249.1371,
238.5488, 240.5410

■ 31.1073, 27.0221,
25.0490

■ 31.1073, 27.0221,
25.0490

■ 27.8728, 22.2654,
18.6918

■ 34.9623, 32.7102,
32.5673

■ 25.2245, 18.3871,
13.4364

■ 39.4657, 39.3716,
41.2989

■ 23.1277, 15.3343,
9.2205

■ 44.6462, 47.0503,
51.2946

■ 21.5435, 13.0474,
5.9751

■ 50.5300, 55.7864,
62.6020

■ 20.4278, 11.4584,
3.6228

■ 57.1422, 65.6178,
75.2662

■ 19.7290, 10.4874,
2.0743

■ 64.5065, 76.5807,
89.3300

■ 19.3565, 9.9816,
1.2131

■ 72.5163, 88.4511,
104.7916

■ 19.3468, 9.9672,
1.1942

■ 73.1015, 88.6851,
107.8728

Harmonies

Analogous

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



31.2485, 27.0221, 32.8297



31.1073, 27.0221, 25.0490



29.4497, 27.0221, 19.5314

Triad

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



31.1073, 27.0221, 25.0490



21.9466, 27.0221, 20.2796



24.5541, 27.0221, 46.9894

Complementary

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



31.1073, 27.0221, 25.0490



33.7678, 41.3004, 48.8419

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.



22.2533, 27.0221, 42.1907



31.1073, 27.0221, 25.0490



20.8222, 27.0221, 26.2595

Square

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



31.1073, 27.0221, 25.0490



24.1074, 27.0221, 17.1377



20.9302, 27.0221, 34.2775



27.3273, 27.0221, 46.5055

Rectangle

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



31.1073, 27.0221, 25.0490



27.7708, 27.0221, 17.4473



20.9302, 27.0221, 34.2775



23.7039, 27.0221, 45.9093

Sweetspot

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



31.1080, 27.0234, 25.0495



72.0047, 72.0523, 75.7519



34.6154, 28.3294, 47.8998



15.6228, 15.4983, 16.1880



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.1080, 27.0234, 25.0495



52.2114, 42.8319, 37.1966



34.3196, 33.7668, 25.1325



9.0243, 9.0201, 9.4753



13.6707, 7.0420, 0.8866



0.4888, 0.2510, 0.0674

Inverse Universe

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



31.1080, 27.0234, 25.0495



52.2114, 42.8319, 37.1966



29.6761, 32.6266, 48.9896



9.0243, 9.0201, 9.4753



13.6707, 7.0420, 0.8866



0.4888, 0.2510, 0.0674

Previews

White Background



This preview shows how the XYZ color 31.1073, 27.0221, 25.0490 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 31.1073, 27.0221, 25.0490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

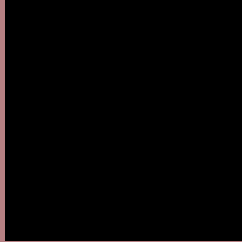
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1073, 27.0221, 25.0490

Background



This preview shows how black text looks on a background with the XYZ color 31.1073, 27.0221, 25.0490.



This preview shows how white text looks on a background with the XYZ color 31.1073, 27.0221,

25.0490.

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

31.1073, 27.0221, 25.0490

Protanopia

26.1145, 27.2920, 27.9363

Deuteranopia

27.6061, 27.0534, 24.5357



Tritanopia

31.6332, 27.0522, 27.2213

Trichromacy



Original Color

31.1073, 27.0221, 25.0490

Protanomaly

27.6169, 27.0115, 26.6798

Deuteranomaly

28.9165, 27.0969, 24.8253

Tritanomaly

31.4910, 26.9953, 26.4725

Monochromacy



Original Color

31.1073, 27.0221, 25.0490

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8492, 27.3101, 28.2297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1073, 27.0221, 25.0490 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(182, 128, 131)` looks like.

```
.text, #text, p{  
    color:rgb(182, 128, 131)  
}
```

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(182, 128, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 128, 131) }
```

Border

The CSS property to change the border of an element to XYZ 31.1073, 27.0221, 25.0490 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(182, 128, 131) }
```


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

```
.border{ border-color:rgb(182, 128, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 128, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 128, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 128, 131); box-shadow:4px 4px 4px 4px rgb(182, 128, 131) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1073, 27.0221, 25.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 128, 131) }
```

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

```
.background{ background-color: rgb(182,  
128, 131) }
```

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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