

Converting Colors

XYZ(31.5512, 27.5711, 28.5228)

Have a look what the booklet for
XYZ(31.5512, 27.5711, 28.5228)
contains.

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Color

**XYZ(31.5386, 27.5620,
28.4687)**

Conversions

Conversions Part 1

Format	Color
Hex	B4828C
RGB	180, 130, 140
RGB Percent	71%, 51%, 55%
CMY	0.2941, 0.4902, 0.4510
CMYK	0.00, 0.28, 0.22, 0.29
HSL	348°, 25%, 61%
HSV	348°, 28%, 71%
XYZ	31.5386, 27.5620, 28.4687
YIQ	146.0900, 26.5900, 13.7100

Conversions

Conversions Part 2

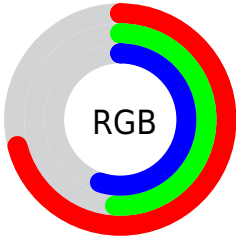
Format	Color
RYB	180, 130, 140
Decimal	11829900
CIELab	59.49, 20.76, 2.27
CIELCh	59, 20.887, 6.234
Yxy	27.5620, 0.3602, 0.3147
Android (android.graphics.Color)	4290019980 (0xFFB4828C)
YUV	146.0900, -3.0024, 29.7391
Hunter-Lab	52.4995, 15.3580, 4.5987

Details

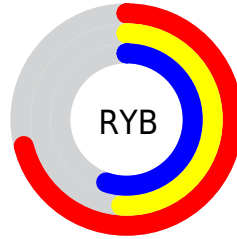
The XYZ color **31.5386, 27.5620, 28.4687** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.7840, 40.2912, 44.0811**, and the grayscale version is **27.3634, 28.7884, 31.3506**.

A 20% lighter version of the original color is **61.4842, 55.7218, 57.9669**, and **13.3183, 10.9111, 11.0770** is the 20% darker color. If you saturate the color by 10%, you get **28.3572, 22.7887, 22.5077**, and if you desaturate by 10%, it is **35.2793, 33.2311, 35.3025**.

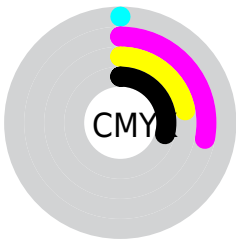
Distribution



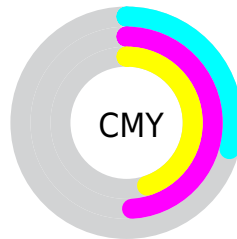
- Red (71%)
- Green (51%)
- Blue (55%)



- Red (71%)
- Yellow (51%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (29%)





- Cyan (29%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5386, 27.5620, 28.4687 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 31.5386, 27.5620, 28.4687 by changing the saturation by 10% instead.

 31.5386, 27.5620,
28.4687


 31.5386, 27.5620,
28.4687


300.7948,
290.3680, 308.6819


 21.1632, 17.9957,
18.4372


 61.4571, 55.7844,
58.2640

 13.3565, 10.9469,
11.0916

 81.7310, 75.2093,
78.8648

 7.7531, 6.0312,
6.0135


 106.0349, 98.6893,
103.8257

 3.9879, 2.8640,
2.7844

134.7344,
126.6086, 133.5654

 1.6953, 1.0612,
0.9856

168.1948,
159.3518, 168.5023

 0.4533, 0.0000,
0.0000

206.7814,

 0.0000, 0.0000,

197.3031, 209.0550

0.0000

250.8596,
240.8471, 255.6420

■ 31.5386, 27.5620,
28.4687

■ 31.5386, 27.5620,
28.4687

■ 28.3572, 22.7887,
22.5077

■ 35.2793, 33.2311,
35.3025

■ 25.7058, 18.8616,
17.3823

■ 39.6024, 39.8346,
43.0408

■ 23.5554, 15.7321,
13.0550

■ 44.5324, 47.4136,
51.7158

■ 21.8739, 13.3451,
9.4851

■ 50.0916, 56.0056,
61.3575

■ 20.6246, 11.6385,
6.6276

■ 56.3013, 65.6459,
71.9948

■ 19.7658, 10.5399,
4.4330

■ 63.1817, 76.3685,
83.6552

■ 19.2353, 9.9380,
2.8408

■ 70.4309, 87.5627,
96.2579

■ 19.1407, 9.8306,
2.5570

■ 72.6324, 88.4433,
107.8509

Harmonies

Analogous

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



31.0903, 27.5620, 36.2176



31.5386, 27.5620, 28.4687



30.4803, 27.5620, 22.2549

Triad

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



31.5386, 27.5620, 28.4687



23.3267, 27.5620, 19.7999



24.2159, 27.5620, 45.2700

Complementary

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



31.5386, 27.5620, 28.4687



32.7840, 40.2912, 44.0811

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.



22.3347, 27.5620, 39.3858



31.5386, 27.5620, 28.4687



21.8458, 27.5620, 24.5562

Square

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



31.5386, 27.5620, 28.4687



25.6529, 27.5620, 17.8173



21.4951, 27.5620, 31.6066



26.7485, 27.5620, 46.7858

Rectangle

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



31.5386, 27.5620, 28.4687



29.1020, 27.5620, 19.5307



21.4951, 27.5620, 31.6066



23.4918, 27.5620, 43.6945

Sweetspot

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



31.5394, 27.5633, 28.4693



71.5052, 71.7652, 77.5054



32.7993, 27.8079, 46.8189



15.1886, 15.1033, 16.2785



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.5394, 27.5633, 28.4693



53.7269, 44.7738, 45.1741



32.9779, 31.5669, 25.4756



8.5635, 8.5321, 9.2000



13.3788, 6.8691, 1.8890



0.4413, 0.2243, 0.1664

Inverse Universe

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



31.5394, 27.5633, 28.4693



53.7269, 44.7738, 45.1741



30.9003, 34.9523, 48.2979



8.5635, 8.5321, 9.2000



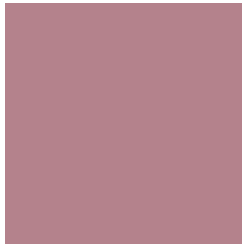
13.3788, 6.8691, 1.8890



0.4413, 0.2243, 0.1664

Previews

White Background



This preview shows how the XYZ color 31.5386, 27.5620, 28.4687 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 31.5386, 27.5620, 28.4687 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 31.5386, 27.5620, 28.4687

Background



This preview shows how black text looks on a background with the XYZ color 31.5386, 27.5620, 28.4687.



This preview shows how white text looks on a background with the XYZ color 31.5386, 27.5620,

28.4687.

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

31.5386, 27.5620, 28.4687

Protanopia

26.7660, 27.7712, 31.5534

Deuteranopia

28.1181, 27.6711, 27.9038



Tritanopia

31.5386, 27.5620, 28.4687

Trichromacy



Original Color

31.5386, 27.5620, 28.4687

Protanomaly

28.2231, 27.4597, 30.1983

Deuteranomaly

29.4007, 27.6879, 28.2208

Tritanomaly

31.5386, 27.5620, 28.4687

Monochromacy



Original Color

31.5386, 27.5620, 28.4687

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.5127, 28.0389, 30.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5386, 27.5620, 28.4687 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(180, 130, 140)` looks like.

```
.text, #text, p{  
    color:rgb(180, 130, 140)  
}
```

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(180, 130, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 130, 140) }
```

Border

The CSS property to change the border of an element to XYZ 31.5386, 27.5620, 28.4687 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(180, 130, 140) }
```


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

```
.border{ border-color:rgb(180, 130, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 130, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 130, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 130, 140);  
box-shadow:4px 4px 4px 4px rgb(180, 130,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5386, 27.5620, 28.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 130, 140) }
```

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

```
.background{ background-color: rgb(180,  
130, 140) }
```

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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