

Converting Colors

XYZ(29.4463, 31.8290, 27.5133)

Have a look what the booklet for
XYZ(29.4463, 31.8290, 27.5133)
contains.

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Color

**XYZ(29.4463, 31.8290,
27.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9A87
RGB	155, 154, 135
RGB Percent	61%, 60%, 53%
CMY	0.3922, 0.3961, 0.4706
CMYK	0.00, 0.01, 0.13, 0.39
HSL	57°, 9%, 57%
HSV	57°, 13%, 61%
XYZ	29.4463, 31.8290, 27.5133
YIQ	152.1330, 6.6950, -5.6970

Conversions

Conversions Part 2

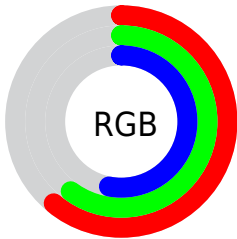
Format	Color
RYB	136, 155, 135
Decimal	10197639
CIELab	63.20, -3.06, 10.11
CIELCh	63, 10.565, 106.836
Yxy	31.8290, 0.3316, 0.3585
Android (android.graphics.Color)	4288387719 (0xFF9B9A87)
YUV	152.1330, -8.4466, 2.5144
Hunter-Lab	56.4172, -5.5641, 10.5777

Details

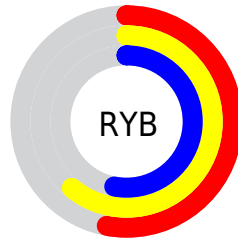
The XYZ color **29.4463, 31.8290, 27.5133** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7122, 25.1253, 34.5577**, and the grayscale version is **29.9364, 31.4954, 34.2985**.

A 20% lighter version of the original color is **58.2113, 62.4442, 56.5618**, and **12.1989, 13.2994, 10.5184** is the 20% darker color. If you saturate the color by 10%, you get **28.3068, 31.1709, 22.1357**, and if you desaturate by 10%, it is **30.7473, 32.5551, 33.7295**.

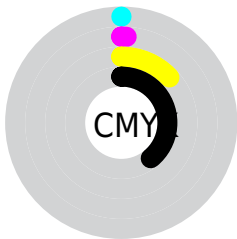
Distribution



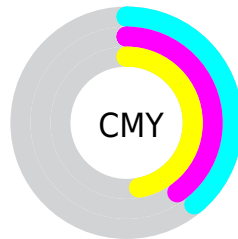
- Red (61%)
- Green (60%)
- Blue (53%)



- Red (53%)
- Yellow (61%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (13%)
- Black (39%)



- Cyan (39%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4463, 31.8290, 27.5133 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 29.4463, 31.8290, 27.5133 by changing the saturation by 10% instead.

■ 29.4463, 31.8290,
27.5133

■ 29.4463, 31.8290,
27.5133

291.2713,
310.3396, 303.9723

■ 19.5647, 21.2309,
17.7233

■ 58.1781, 62.5429,
56.7202

■ 12.1854, 13.2929,
10.5841

■ 77.7590, 83.4275,
76.9741

■ 6.9432, 7.6305,
5.6773

■ 101.3036,
108.5098, 101.5530

■ 3.4726, 3.8595,
2.5843

129.1774,
138.1741, 130.8756

■ 1.4083, 1.5953,
0.8843

161.7458,
172.8048, 165.3602

■ 0.2622, 0.3544,
0.0000

199.3739,

■ 0.0000, 0.0000,

212.7864, 205.4256

0.0000

242.4273,
258.5032, 251.4901

■ 29.4463, 31.8290,
27.5133

■ 29.4463, 31.8290,
27.5133

■ 28.3068, 31.1709,
22.1357

■ 30.7473, 32.5551,
33.7295

■ 27.3193, 30.5739,
17.5585

■ 32.2136, 33.3475,
40.8159

■ 26.4774, 30.0365,
13.7438

■ 33.8521, 34.2102,
48.8053

■ 25.7731, 29.5554,
10.6499

■ 35.6686, 35.1454,
57.7280

■ 25.1978, 29.1271,
8.2308

■ 37.6686, 36.1553,
67.6129

■ 24.7416, 28.7479,
6.4355

■ 39.8574, 37.2421,
78.4876

■ 24.3936, 28.4132,
5.2055

■ 42.2400, 38.4077,
90.3788

■ 24.1406, 28.1178,
4.4716

■ 44.1701, 39.3936,
99.8834

■ 23.9945, 27.9223,
4.1249

■ 44.3047, 39.6626,
99.9283

Harmonies

Analogous

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



30.8967, 31.8290, 27.3991



29.4463, 31.8290, 27.5133



28.2498, 31.8290, 29.4397

Triad

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



29.4463, 31.8290, 27.5133



28.3715, 31.8290, 40.8609



33.0706, 31.8290, 36.5208

Complementary

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



29.4463, 31.8290, 27.5133



24.7122, 25.1253, 34.5577

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.



32.3478, 31.8290, 40.4555



29.4463, 31.8290, 27.5133



29.6173, 31.8290, 43.0938

Square

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



29.4463, 31.8290, 27.5133



27.6430, 31.8290, 37.0387



31.0733, 31.8290, 42.9397



33.0212, 31.8290, 32.3784

Rectangle

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



29.4463, 31.8290, 27.5133



27.7430, 31.8290, 31.5875



31.0733, 31.8290, 42.9397



32.9089, 31.8290, 37.9179

Sweetspot

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



29.4472, 31.8304, 27.5140



54.7759, 58.1436, 59.0175



26.6258, 26.0745, 26.9226



12.3589, 13.1388, 13.1695



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.



29.4472, 31.8304, 27.5140



52.2228, 56.7119, 46.8384



27.9489, 31.3032, 27.4912



6.6825, 7.1701, 6.6376



19.2808, 22.4440, 3.3159



0.2952, 0.3494, 0.0519

Inverse Universe

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



24.7122, 25.1253, 34.5577



42.3343, 42.7091, 61.5487



26.0823, 25.6242, 34.5818



5.9080, 6.0733, 7.7898



4.8279, 2.0525, 25.0494



0.0779, 0.0422, 0.3764

Previews

White Background



This preview shows how the XYZ color 29.4463, 31.8290, 27.5133 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 29.4463, 31.8290, 27.5133 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

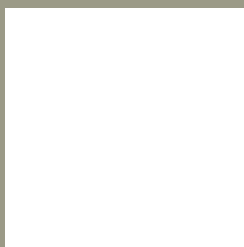
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4463, 31.8290, 27.5133

Background



This preview shows how black text looks on a background with the XYZ color 29.4463, 31.8290, 27.5133.



This preview shows how white text looks on a background with the XYZ color 29.4463, 31.8290,

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

29.4463, 31.8290, 27.5133

Protanopia

30.0285, 31.6513, 27.0809

Deuteranopia

32.3332, 31.6437, 27.6962



Tritanopia

31.7260, 31.7923, 38.6468

Trichromacy



Original Color

29.4463, 31.8290, 27.5133

Protanomaly

29.7949, 31.7728, 27.1167

Deuteranomaly

31.2866, 31.8058, 27.7827

Tritanomaly

30.8347, 31.6693, 34.1934

Monochromacy



Original Color

29.4463, 31.8290, 27.5133

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7164, 31.6301, 31.7331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4463, 31.8290, 27.5133 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(155, 154, 135)` looks like.

```
.text, #text, p{  
    color:rgb(155, 154, 135)  
}
```

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(155, 154, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 154, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.4463, 31.8290, 27.5133 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(155, 154, 135) }
```


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

```
.border{ border-color:rgb(155, 154, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 154, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 154, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 154, 135);  
box-shadow:4px 4px 4px 4px rgb(155, 154,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4463, 31.8290, 27.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 154, 135) }
```

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

```
.background{ background-color: rgb(155,  
154, 135) }
```

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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