

Converting Colors

XYZ(29.2869, 31.0556, 25.0376)

Have a look what the booklet for
XYZ(29.2869, 31.0556, 25.0376)
contains.

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Color

**XYZ(29.2610, 31.0627,
24.8755)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9780
RGB	159, 151, 128
RGB Percent	62%, 59%, 50%
CMY	0.3765, 0.4078, 0.4980
CMYK	0.00, 0.05, 0.19, 0.38
HSL	45°, 14%, 56%
HSV	45°, 19%, 62%
XYZ	29.2610, 31.0627, 24.8755
YIQ	150.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

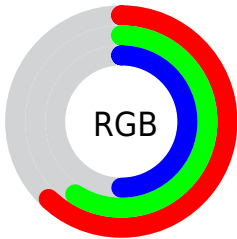
Format	Color
RYB	139, 159, 128
Decimal	10459008
CIELab	62.56, -1.01, 13.18
CIELCh	63, 13.223, 94.377
Yxy	31.0627, 0.3434, 0.3646
Android (android.graphics.Color)	4288649088 (0xFF9F9780)
YUV	150.7700, -11.2256, 7.2177
Hunter-Lab	55.7339, -3.8196, 12.5511

Details

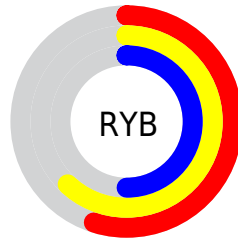
The XYZ color **29.2610, 31.0627, 24.8755** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9641, 24.7001, 36.3057**, and the grayscale version is **29.3606, 30.8897, 33.6388**.

A 20% lighter version of the original color is **57.9034, 61.2950, 52.4953**, and **12.0319, 12.8047, 9.2345** is the 20% darker color. If you saturate the color by 10%, you get **27.6470, 29.3803, 19.5726**, and if you desaturate by 10%, it is **31.0636, 32.8595, 31.0512**.

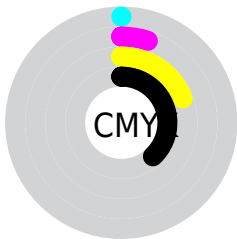
Distribution



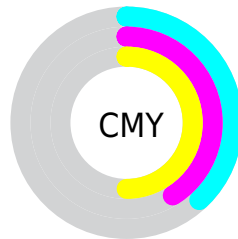
- Red (62%)
- Green (59%)
- Blue (50%)



- Red (55%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2610, 31.0627, 24.8755 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 29.2610, 31.0627, 24.8755 by changing the saturation by 10% instead.

■ 29.2610, 31.0627,
24.8755

■ 29.2610, 31.0627,
24.8755

290.4165,
306.8271, 290.6452

■ 19.4236, 20.6466,
15.7661

■ 57.8862, 61.3388,
52.4168

■ 12.0826, 12.8659,
9.2063

■ 77.4047, 81.9675,
71.6858

■ 6.8726, 7.3363,
4.7773

■ 100.8810,
106.7693, 95.1785

■ 3.4281, 3.6733,
2.0608

128.6805,
136.1285, 123.3133

■ 1.3840, 1.4925,
0.5923

161.1684,
170.4294, 156.5088

■ 0.2448, 0.2835,
0.0000

198.7101,

■ 0.0000, 0.0000,

210.0566, 195.1836

0.0000

241.6710,
255.3943, 239.7562

■ 29.2610, 31.0627,
24.8755

■ 29.2610, 31.0627,
24.8755

■ 27.6470, 29.3803,
19.5726

■ 31.0636, 32.8595,
31.0512

■ 26.2114, 27.8045,
15.1002

■ 33.0598, 34.7697,
38.1354

■ 24.9465, 26.3330,
11.4158

■ 35.2572, 36.7979,
46.1639

■ 23.8431, 24.9618,
8.4720

■ 37.6625, 38.9470,
55.1704

■ 22.8910, 23.6863,
6.2162

■ 40.2818, 41.2200,
65.1866

■ 22.0786, 22.5016,
4.5893

■ 43.1212, 43.6195,
76.2428

■ 21.3927, 21.4019,
3.5216

■ 46.1865, 46.1482,
88.3683

■ 20.8037, 20.3750,
2.8593

■ 49.4505, 48.7956,
101.4199

■ 20.7750, 20.3245,
2.8281

■ 50.3138, 50.5222,
101.7077

Harmonies

Analogous

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



31.0453, 31.0627, 25.6537



29.2610, 31.0627, 24.8755



27.6140, 31.0627, 26.2875

Triad

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



29.2610, 31.0627, 24.8755



26.7605, 31.0627, 39.7290



32.7539, 31.0627, 38.2891

Complementary

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



29.2610, 31.0627, 24.8755



23.9641, 24.7001, 36.3057

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.



31.5205, 31.0627, 42.6739



29.2610, 31.0627, 24.8755



28.0535, 31.0627, 43.5627

Square

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



29.2610, 31.0627, 24.8755



26.2080, 31.0627, 34.5836



29.7889, 31.0627, 44.6913



33.1088, 31.0627, 33.0717

Rectangle

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



29.2610, 31.0627, 24.8755



26.8010, 31.0627, 28.3743



29.7889, 31.0627, 44.6913



32.4258, 31.0627, 39.9258

Sweetspot

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



29.2618, 31.0641, 24.8762



56.8013, 59.9817, 59.7153



26.4805, 24.5948, 26.7440



12.7582, 13.4769, 13.2948



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.2618, 31.0641, 24.8762



51.2260, 54.4206, 40.6250



29.2000, 33.0080, 25.2546



7.0252, 7.4305, 7.0496



16.4434, 16.1225, 2.2453



0.3257, 0.3516, 0.0507

Inverse Universe

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



23.9641, 24.7001, 36.3057



40.1335, 41.0969, 64.5607



24.0068, 23.1122, 35.9970



6.4169, 6.6996, 8.3616



5.5993, 3.2901, 26.2472



0.1312, 0.1210, 0.4797

Previews

White Background



This preview shows how the XYZ color 29.2610, 31.0627, 24.8755 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 29.2610, 31.0627, 24.8755 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

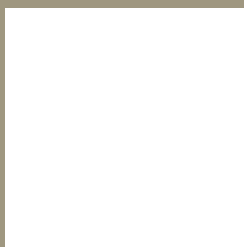
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2610, 31.0627, 24.8755

Background



This preview shows how black text looks on a background with the XYZ color 29.2610, 31.0627, 24.8755.



This preview shows how white text looks on a background with the XYZ color 29.2610, 31.0627,

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

29.2610, 31.0627, 24.8755

Protanopia

29.2610, 31.0627, 24.8755

Deuteranopia

31.6969, 31.1414, 25.1092



Tritanopia

31.7095, 31.1226, 36.6837

Trichromacy



Original Color

29.2610, 31.0627, 24.8755

Protanomaly

29.2610, 31.0627, 24.8755

Deuteranomaly

30.9145, 31.1998, 25.1617

Tritanomaly

30.7567, 30.9678, 31.9601

Monochromacy



Original Color

29.2610, 31.0627, 24.8755

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3510, 30.9864, 30.4206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2610, 31.0627, 24.8755 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(159, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 151, 128)  
}
```

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(159, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 151, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.2610, 31.0627, 24.8755 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(159, 151, 128) }
```


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

```
.border{ border-color:rgb(159, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(159, 151,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2610, 31.0627, 24.8755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 151, 128) }
```

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

```
.background{ background-color: rgb(159,  
151, 128) }
```

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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