

Converting Colors

XYZ(29.7795, 27.1956, 31.2710)

Have a look what the booklet for
XYZ(29.7795, 27.1956, 31.2710)
contains.

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Color

**XYZ(29.8024, 27.2065,
31.2844)**

Conversions

Conversions Part 1

Format	Color
Hex	A88593
RGB	168, 133, 147
RGB Percent	66%, 52%, 58%
CMY	0.3412, 0.4784, 0.4235
CMYK	0.00, 0.21, 0.12, 0.34
HSL	336°, 17%, 59%
HSV	336°, 21%, 66%
XYZ	29.8024, 27.2065, 31.2844
YIQ	145.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

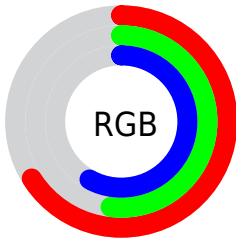
Format	Color
RYB	168, 133, 147
Decimal	11044243
CIELab	59.16, 15.70, -2.38
CIELCh	59, 15.876, 351.384
Yxy	27.2065, 0.3375, 0.3081
Android (android.graphics.Color)	4289234323 (0xFFA88593)
YUV	145.0610, 0.9559, 20.1175
Hunter-Lab	52.1599, 10.7092, 0.9510

Details

The XYZ color **29.8024, 27.2065, 31.2844** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.5093, 35.3255, 35.8367**, and the grayscale version is **26.9307, 28.3331, 30.8548**.

A 20% lighter version of the original color is **58.8420, 55.1822, 62.8083**, and **12.4534, 10.7626, 12.7303** is the 20% darker color. If you saturate the color by 10%, you get **26.9271, 22.6666, 26.5928**, and if you desaturate by 10%, it is **33.1165, 32.5123, 36.4650**.

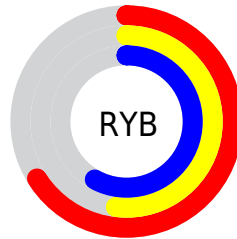
Distribution



Red (66%)

Green (52%)

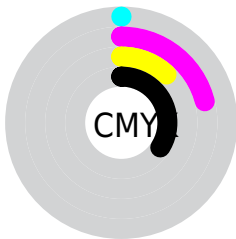
Blue (58%)



Red (66%)

Yellow (52%)

Blue (58%)

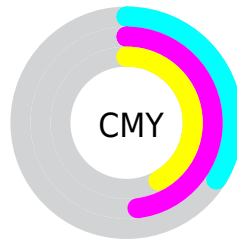


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8024, 27.2065, 31.2844 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 29.8024, 27.2065, 31.2844 by changing the saturation by 10% instead.

■ 29.8024, 27.2065,
31.2844

■ 29.8024, 27.2065,
31.2844

292.9087,
288.6556, 322.2381

■ 19.8360, 17.7284,
20.5552

■ 58.7383, 55.2151,
62.7724

■ 12.3834, 10.7551,
12.6112

■ 78.4385, 74.5143,
84.3682

■ 7.0794, 5.9024,
7.0338

■ 102.1140, 97.8560,
110.4234

■ 3.5586, 2.7858,
3.4045

130.1302,
125.6246, 141.3565

■ 1.4556, 1.0210,
1.3047

162.8524,
158.2044, 177.5860

■ 0.2953, 0.0000,
0.0656

200.6460,

■ 0.0000, 0.0000,

195.9799, 219.5303

0.0000

243.8763,
239.3355, 267.6082

■ 29.8024, 27.2065,
31.2844

■ 29.8024, 27.2065,
31.2844

■ 26.9271, 22.6666,
26.5928

■ 33.1165, 32.5123,
36.4650

■ 24.4690, 18.8535,
22.3732

■ 36.8850, 38.6136,
42.1472

■ 22.4083, 15.7297,
18.6103

■ 41.1257, 45.5430,
48.3455

■ 20.7222, 13.2532,
15.2871

■ 45.8546, 53.3300,
55.0729

■ 19.3859, 11.3774,
12.3852

■ 51.0871, 62.0027,
62.3423

■ 18.3711, 10.0492,
9.8848

■ 56.8377, 71.5881,
70.1658

■ 17.6448, 9.2059,
7.7639

■ 63.1206, 82.1117,
78.5554

■ 17.1674, 8.7324,
6.1211

■ 65.8633, 85.4268,
86.1604

■ 67.3013, 86.0020,
93.7331

Harmonies

Analogous

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



28.9443, 27.2065, 36.9504



29.8024, 27.2065, 31.2844



29.5626, 27.2065, 25.8285

Triad

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



29.8024, 27.2065, 31.2844



24.4976, 27.2065, 20.5984



23.5584, 27.2065, 38.9696

Complementary

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



29.8024, 27.2065, 31.2844



29.5093, 35.3255, 35.8367

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.



22.4784, 27.2065, 33.7726



29.8024, 27.2065, 31.2844



23.0011, 27.2065, 23.3351

Square

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



29.8024, 27.2065, 31.2844



26.4327, 27.2065, 20.1105



22.2797, 27.2065, 28.0220



25.2936, 27.2065, 41.7434

Rectangle

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



29.8024, 27.2065, 31.2844



28.8172, 27.2065, 22.9932



22.2797, 27.2065, 28.0220



23.1104, 27.2065, 37.4190

Sweetspot

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



29.8032, 27.2077, 31.2850



63.2179, 64.0411, 70.9235



28.7828, 26.4736, 40.6389



13.6879, 13.8112, 15.3209



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.8032, 27.2077, 31.2850



51.5702, 45.3902, 52.7220



29.2578, 27.7690, 26.0098



7.6508, 7.5902, 8.4782



12.9880, 6.6039, 4.7486



0.3414, 0.1708, 0.2493

Inverse Universe

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



29.8032, 27.2077, 31.2850



51.5702, 45.3902, 52.7220



30.1067, 34.5446, 42.1269



7.6508, 7.5902, 8.4782



12.9880, 6.6039, 4.7486



0.3414, 0.1708, 0.2493

Previews

White Background



This preview shows how the XYZ color 29.8024, 27.2065, 31.2844 looks on a white background.

Color Contrast Check

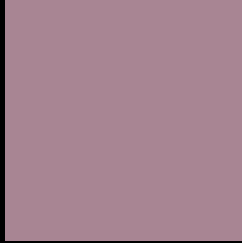
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8024, 27.2065, 31.2844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

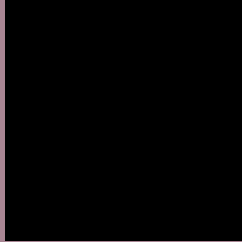
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8024, 27.2065, 31.2844

Background



This preview shows how black text looks on a background with the XYZ color 29.8024, 27.2065, 31.2844.



This preview shows how white text looks on a background with the XYZ color 29.8024, 27.2065, 31.2844.

31.2844.

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

29.8024, 27.2065, 31.2844

Protanopia

26.4958, 27.3638, 33.5910

Deuteranopia

27.7944, 27.2208, 30.9834



Tritanopia

29.7076, 27.3886, 30.1063

Trichromacy



Original Color

29.8024, 27.2065, 31.2844

Protanomaly

27.5001, 27.2466, 32.6639

Deuteranomaly

28.4897, 27.1572, 30.9344

Tritanomaly

29.7844, 27.4194, 30.5107

Monochromacy



Original Color

29.8024, 27.2065, 31.2844

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8501, 27.8974, 31.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8024, 27.2065, 31.2844 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(168, 133, 147)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 147)  
}
```

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(168, 133, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.8024, 27.2065, 31.2844 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(168, 133, 147) }
```


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

```
.border{ border-color:rgb(168, 133, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 133, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 147);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8024, 27.2065, 31.2844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 147) }
```

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

```
.background{ background-color: rgb(168,  
133, 147) }
```

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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