

Converting Colors

XYZ(29.7203, 30.3235, 27.2116)

Have a look what the booklet for
XYZ(29.7203, 30.3235, 27.2116)
contains.

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Color

**XYZ(29.7072, 30.2981,
27.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	A29387
RGB	162, 147, 135
RGB Percent	64%, 58%, 53%
CMY	0.3647, 0.4235, 0.4706
CMYK	0.00, 0.09, 0.17, 0.36
HSL	27°, 13%, 58%
HSV	27°, 17%, 64%
XYZ	29.7072, 30.2981, 27.2040
YIQ	150.1170, 12.7920, -0.5520

Conversions

Conversions Part 2

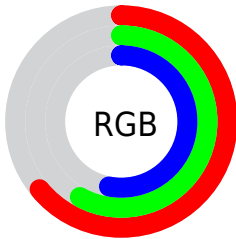
Format	Color
RYB	162, 157, 135
Decimal	10654599
CIELab	61.91, 3.50, 8.36
CIELCh	62, 9.065, 67.290
Yxy	30.2981, 0.3406, 0.3474
Android (android.graphics.Color)	4288844679 (0xFFA29387)
YUV	150.1170, -7.4527, 10.4214
Hunter-Lab	55.0437, 0.0103, 9.2280

Details

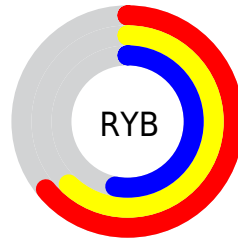
The XYZ color **29.7072, 30.2981, 27.2040** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.4194, 29.5716, 38.4454**, and the grayscale version is **29.0666, 30.5803, 33.3020**.

A 20% lighter version of the original color is **58.5790, 60.1558, 56.1007**, and **12.2530, 12.3366, 10.3297** is the 20% darker color. If you saturate the color by 10%, you get **27.3076, 27.1873, 21.1986**, and if you desaturate by 10%, it is **32.3915, 33.7000, 34.1614**.

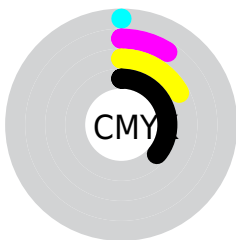
Distribution



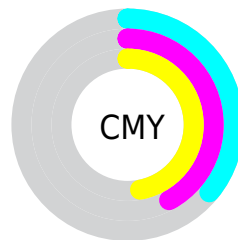
- Red (64%)
- Green (58%)
- Blue (53%)



- Red (64%)
- Yellow (62%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (17%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7072, 30.2981, 27.2040 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 29.7072, 30.2981, 27.2040 by changing the saturation by 10% instead.

■ 29.7072, 30.2981,
27.2040

■ 29.7072, 30.2981,
27.2040

292.4716,
303.2915, 302.4349

■ 19.7634, 20.0650,
17.4927

■ 58.5886, 60.1333,
56.2188

■ 12.3304, 12.4423,
10.4207

■ 78.2570, 80.5041,
76.3593

■ 7.0429, 7.0456,
5.5696

■ 101.8976,
105.0230, 100.8133

■ 3.5355, 3.4907,
2.5206

129.8758,
134.0743, 129.9994

■ 1.4429, 1.3929,
0.8511

162.5569,
168.0424, 164.3361

■ 0.2865, 0.2115,
0.0000

200.3064,

■ 0.0000, 0.0000,

207.3117, 204.2418

0.0000

243.4895,
252.2666, 250.1352

■ 29.7072, 30.2981,
27.2040

■ 29.7072, 30.2981,
27.2040

■ 27.3076, 27.1873,
21.1986

■ 32.3915, 33.7000,
34.1614

■ 25.1799, 24.3553,
16.1011

■ 35.3678, 37.3967,
42.1082

■ 23.3140, 21.7951,
11.8671

■ 38.6461, 41.3969,
51.0821

■ 21.6980, 19.4976,
8.4474

■ 42.2353, 45.7078,
61.1183

■ 20.3190, 17.4532,
5.7880

■ 46.1437, 50.3363,
72.2505

■ 19.1628, 15.6515,
3.8280

■ 50.3795, 55.2890,
84.5106

■ 18.2131, 14.0812,
2.4970

■ 54.9504, 60.5724,
97.9293

■ 17.4474, 12.7281,
1.6923

■ 58.2790, 65.5587,
104.1902

■ 17.2191, 12.3187,
1.4702

■ 60.6903, 70.3811,
104.9939

Harmonies

Analogous

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



30.6929, 30.2981, 29.1063



29.7072, 30.2981, 27.2040



28.5025, 30.2981, 26.7981

Triad

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



29.7072, 30.2981, 27.2040



26.5456, 30.2981, 33.8442



30.2335, 30.2981, 38.5935

Complementary

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



29.7072, 30.2981, 27.2040



27.4194, 29.5716, 38.4454

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.



29.0944, 30.2981, 40.0677



29.7072, 30.2981, 27.2040



26.9816, 30.2981, 37.2035

Square

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



29.7072, 30.2981, 27.2040



26.6993, 30.2981, 30.4775



27.9064, 30.2981, 39.5420



31.0027, 30.2981, 35.6358

Rectangle

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



29.7072, 30.2981, 27.2040



27.7414, 30.2981, 27.4028



27.9064, 30.2981, 39.5420



29.8800, 30.2981, 39.2881

Sweetspot

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



29.7080, 30.2995, 27.2046



59.6176, 62.1983, 64.1633



29.0938, 27.2214, 32.7022



13.3117, 13.8716, 14.2042



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.7080, 30.2995, 27.2046



52.2549, 52.8473, 45.1402



31.8793, 34.6420, 27.9284



7.3208, 7.5801, 7.4573



13.6072, 9.7884, 1.1722



0.3328, 0.2994, 0.0403

Inverse Universe

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



27.4194, 29.5716, 38.4454



47.3032, 51.2718, 69.4594



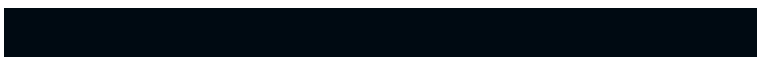
25.4309, 25.5944, 37.7826



7.0113, 7.4817, 8.9776



8.0605, 7.9004, 28.0299



0.2156, 0.2584, 0.6044

Previews

White Background



This preview shows how the XYZ color 29.7072, 30.2981, 27.2040 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 29.7072, 30.2981, 27.2040 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

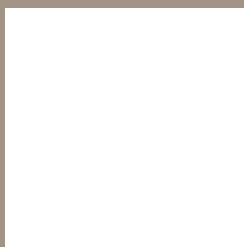
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.7072, 30.2981, 27.2040

Background



This preview shows how black text looks on a background with the XYZ color 29.7072, 30.2981, 27.2040.



This preview shows how white text looks on a background with the XYZ color 29.7072, 30.2981,

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

29.7072, 30.2981, 27.2040

Protanopia

28.7089, 30.2410, 27.6165

Deuteranopia

30.7794, 30.1591, 27.4916



Tritanopia

31.4067, 30.3124, 35.2059

Trichromacy



Original Color

29.7072, 30.2981, 27.2040

Protanomaly

29.1344, 30.2265, 27.5913

Deuteranomaly

30.2952, 30.1354, 27.5125

Tritanomaly

30.7805, 30.2814, 32.2396

Monochromacy



Original Color

29.7072, 30.2981, 27.2040

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1847, 30.4093, 31.1194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7072, 30.2981, 27.2040 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(162, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 147, 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(162, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 147, 135) }
```

Border

The CSS property to change the border of an element to XYZ 29.7072, 30.2981, 27.2040 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(162, 147, 135) }
```


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

```
.border{ border-color:rgb(162, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(162, 147,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7072, 30.2981, 27.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 147, 135) }
```

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

```
.background{ background-color: rgb(162,  
147, 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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