

Converting Colors

XYZ(29.7100, 27.3368, 26.3905)

Have a look what the booklet for
XYZ(29.7100, 27.3368, 26.3905)
contains.

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Color

**XYZ(29.7039, 27.2669,
26.2517)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8586
RGB	172, 133, 134
RGB Percent	67%, 52%, 53%
CMY	0.3255, 0.4784, 0.4745
CMYK	0.00, 0.23, 0.22, 0.33
HSL	358°, 19%, 60%
HSV	358°, 23%, 67%
XYZ	29.7039, 27.2669, 26.2517
YIQ	144.7750, 22.9230, 8.5790

Conversions

Conversions Part 2

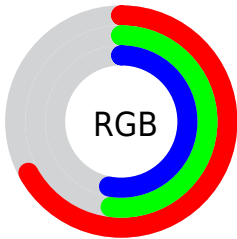
Format	Color
R_{YB}	172, 133, 134
Decimal	11306374
CIE _{Lab}	59.22, 15.08, 5.21
CIE _{LCh}	59, 15.957, 19.063
Yxy	27.2669, 0.3569, 0.3276
Android (android.graphics.Color)	4289496454 (0xFFAC8586)
YUV	144.7750, -5.3121, 23.8763
Hunter-Lab	52.2177, 10.1582, 6.7452

Details

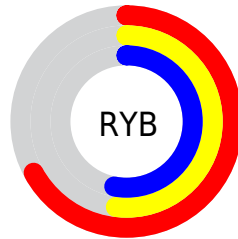
The XYZ color **29.7039, 27.2669, 26.2517** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.7772, 37.4326, 44.0804**, and the grayscale version is **26.8373, 28.2349, 30.7478**.

A 20% lighter version of the original color is **58.5235, 55.1996, 54.5838**, and **12.3012, 10.7485, 9.8138** is the 20% darker color. If you saturate the color by 10%, you get **26.4613, 22.5064, 19.8534**, and if you desaturate by 10%, it is **33.5189, 32.8752, 33.7555**.

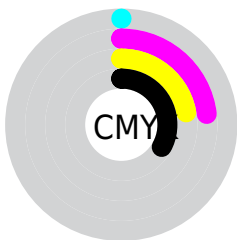
Distribution



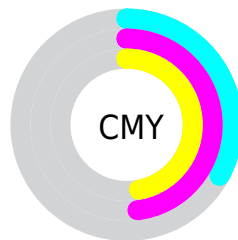
- Red (67%)
- Green (52%)
- Blue (53%)



- Red (67%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7039, 27.2669, 26.2517 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 29.7039, 27.2669, 26.2517 by changing the saturation by 10% instead.


 29.7039, 27.2669,
26.2517


 29.7039, 27.2669,
26.2517

292.4565,
288.9471, 297.6602


 19.7609, 17.7738,
16.7846


 58.5834, 55.3119,
54.6698

 12.3286, 10.7877,
9.9207


 78.2507, 74.6325,
74.4578

 7.0417, 5.9243,
5.2415


 101.8901, 97.9977,
98.5233

 3.5347, 2.7991,
2.3284

129.8670,
125.7920, 127.2846

 1.4424, 1.0278,
0.7471

162.5467,
158.3997, 161.1605

 0.2862, 0.0000,
0.0000

200.2946,

 0.0000, 0.0000,

196.2051, 200.5693

0.0000

243.4761,
239.5928, 245.9297

■ 29.7039, 27.2669,
26.2517

■ 29.7039, 27.2669,
26.2517

■ 26.4613, 22.5064,
19.8534

■ 33.5189, 32.8752,
33.7555

■ 23.7614, 18.5490,
14.5067

■ 37.9297, 39.3659,
42.4118

■ 21.5752, 15.3515,
10.1561

■ 42.9610, 46.7758,
52.2669

■ 19.8702, 12.8653,
6.7398

■ 48.6357, 55.1391,
63.3640

■ 18.6101, 11.0361,
4.1895

■ 54.9752, 64.4877,
75.7443

■ 17.7534, 9.8017,
2.4275

■ 62.0001, 74.8524,
89.4470

■ 17.2510, 9.0880,
1.3621

■ 69.7302, 86.2625,
104.5096

■ 17.0375, 8.7804,
0.9231

■ 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



29.8579, 27.2669, 31.8172



29.7039, 27.2669, 26.2517



28.5054, 27.2669, 22.1560

Triad

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



29.7039, 27.2669, 26.2517



23.1318, 27.2669, 23.0718



25.1971, 27.2669, 41.8010

Complementary

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



29.7039, 27.2669, 26.2517



31.7772, 37.4326, 44.0804

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.



23.4891, 27.2669, 38.7610



29.7039, 27.2669, 26.2517



22.3380, 27.2669, 27.6579

Square

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



29.7039, 27.2669, 26.2517



24.6866, 27.2669, 20.4890



22.4653, 27.2669, 33.4140



27.1863, 27.2669, 41.2982

Rectangle

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



29.7039, 27.2669, 26.2517



27.3079, 27.2669, 20.5849



22.4653, 27.2669, 33.4140



24.5729, 27.2669, 41.1456

Sweetspot

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



29.7046, 27.2682, 26.2523



65.1098, 65.9693, 69.6840



32.5640, 28.3791, 42.7915



14.0511, 14.1914, 14.9503



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.7046, 27.2682, 26.2523



50.9309, 45.1247, 41.7954



32.3466, 32.6628, 26.7914



8.0132, 8.0185, 8.3805



12.6817, 6.5352, 0.7035



0.3554, 0.1829, 0.0334

Inverse Universe

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



29.7046, 27.2682, 26.2523



50.9309, 45.1247, 41.7954



28.6430, 31.0114, 43.5063



8.0132, 8.0185, 8.3805



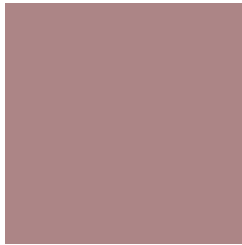
12.6817, 6.5352, 0.7035



0.3554, 0.1829, 0.0334

Previews

White Background



This preview shows how the XYZ color 29.7039, 27.2669, 26.2517 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 29.7039, 27.2669, 26.2517 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 29.7039, 27.2669, 26.2517

Background



This preview shows how black text looks on a background with the XYZ color 29.7039, 27.2669, 26.2517.



This preview shows how white text looks on a background with the XYZ color 29.7039, 27.2669,

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

29.7039, 27.2669, 26.2517

Protanopia

26.1873, 27.3211, 28.3194

Deuteranopia

27.8193, 27.3440, 26.0020



Tritanopia

30.3673, 27.3398, 29.2678

Trichromacy



Original Color

29.7039, 27.2669, 26.2517

Protanomaly

27.2655, 27.2399, 27.4877

Deuteranomaly

28.3476, 27.1943, 25.9452

Tritanomaly

30.1450, 27.2508, 28.0972

Monochromacy



Original Color

29.7039, 27.2669, 26.2517

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8502, 27.9414, 29.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7039, 27.2669, 26.2517 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(172, 133, 134)` looks like.

```
.text, #text, p{  
    color:rgb(172, 133, 134)  
}
```

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(172, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 133, 134) }
```

Border

The CSS property to change the border of an element to XYZ 29.7039, 27.2669, 26.2517 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(172, 133, 134) }
```


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

```
.border{ border-color:rgb(172, 133, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 133, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 133, 134);  
box-shadow:4px 4px 4px 4px rgb(172, 133,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7039, 27.2669, 26.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 133, 134) }
```

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

```
.background{ background-color: rgb(172,  
133, 134) }
```

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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