

Converting Colors

XYZ(29.2876, 27.1321, 29.0754)

Have a look what the booklet for
XYZ(29.2876, 27.1321, 29.0754)
contains.

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Color

**XYZ(29.2692, 27.1888,
28.9046)**

Conversions

Conversions Part 1

Format	Color
Hex	A7868D
RGB	167, 134, 141
RGB Percent	65%, 53%, 55%
CMY	0.3451, 0.4745, 0.4471
CMYK	0.00, 0.20, 0.16, 0.35
HSL	347°, 16%, 59%
HSV	347°, 20%, 65%
XYZ	29.2692, 27.1888, 28.9046
YIQ	144.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

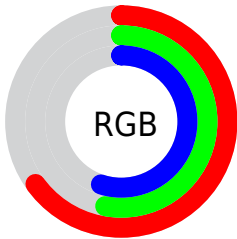
Format	Color
R_{YB}	167, 134, 141
Decimal	10978957
CIE _{Lab}	59.15, 13.73, 1.03
CIE _{LCh}	59, 13.767, 4.284
Yxy	27.1888, 0.3429, 0.3185
Android (android.graphics.Color)	4289169037 (0xFFA7868D)
YUV	144.6650, -1.8068, 19.5878
Hunter-Lab	52.1429, 8.9468, 3.6335

Details

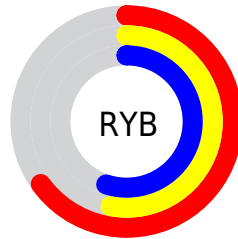
The XYZ color **29.2692, 27.1888, 28.9046** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9965, 35.2446, 38.4814**, and the grayscale version is **26.7806, 28.1752, 30.6828**.

A 20% lighter version of the original color is **57.7449, 55.0104, 59.2043**, and **12.1289, 10.7408, 11.3315** is the 20% darker color. If you saturate the color by 10%, you get **26.2192, 22.5635, 23.3409**, and if you desaturate by 10%, it is **32.8016, 32.5921, 35.2038**.

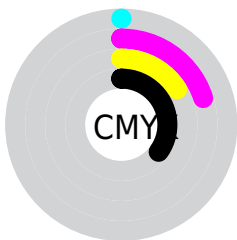
Distribution



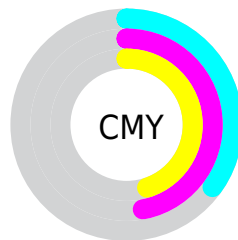
- Red (65%)
- Green (53%)
- Blue (55%)



- Red (65%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (35%)



- Cyan (35%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2692, 27.1888, 28.9046 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 29.2692, 27.1888, 28.9046 by changing the saturation by 10% instead.

■ 29.2692, 27.1888,
28.9046

■ 29.2692, 27.1888,
28.9046

290.4543,
288.5701, 310.8114

■ 19.4299, 17.7151,
18.7637

■ 57.8991, 55.1867,
58.9659

■ 12.0871, 10.7456,
11.3246

■ 77.4204, 74.4796,
79.7233

■ 6.8757, 5.8960,
6.1687

■ 100.8998, 97.8144,
104.8567

■ 3.4301, 2.7820,
2.8775

128.7025,
125.5755, 134.7845

■ 1.3851, 1.0190,
1.0324

161.1939,
158.1472, 169.9254

■ 0.2456, 0.0000,
0.0000

198.7395,

■ 0.0000, 0.0000,

195.9139, 210.6978

0.0000

241.7045,
239.2601, 257.5203

■ 29.2692, 27.1888,
28.9046

■ 29.2692, 27.1888,
28.9046

■ 26.2192, 22.5635,
23.3409

■ 32.8016, 32.5921,
35.2038

■ 23.6281, 18.6767,
18.4838

■ 36.8340, 38.8032,
42.2623

■ 21.4741, 15.4912,
14.3053

■ 41.3857, 45.8547,
50.1052

■ 19.7324, 12.9648,
10.7745

■ 46.4744, 53.7765,
58.7556

■ 18.3758, 11.0509,
7.8582

■ 52.1171, 62.5968,
68.2360

■ 17.3737, 9.6968,
5.5202

■ 58.3298, 72.3427,
78.5677

■ 16.6906, 8.8405,
3.7201

■ 65.1281, 83.0400,
89.7713

■ 16.2552, 8.3501,
2.4025

■ 68.3729, 86.4061,
100.4823

■ 16.2460, 8.3394,
2.3757

■ 69.7465, 86.9556,
107.7158

Harmonies

Analogous

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



28.9260, 27.1888, 33.8903



29.2692, 27.1888, 28.9046



28.6614, 27.1888, 24.6001

Triad

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



29.2692, 27.1888, 28.9046



24.0301, 27.1888, 22.4714



24.4386, 27.1888, 38.9460

Complementary

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



29.2692, 27.1888, 28.9046



29.9965, 35.2446, 38.4814

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.



23.2141, 27.1888, 35.2442



29.2692, 27.1888, 28.9046



22.9857, 27.1888, 25.6952

Square

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



29.2692, 27.1888, 28.9046



25.5968, 27.1888, 21.1555



22.6936, 27.1888, 30.3146



26.0891, 27.1888, 40.0467

Rectangle

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



29.2692, 27.1888, 28.9046



27.8138, 27.1888, 22.5841



22.6936, 27.1888, 30.3146



23.9659, 27.1888, 37.9459

Sweetspot

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



29.2700, 27.1900, 28.9052



61.2751, 62.2587, 67.5008



29.9683, 27.2997, 40.2494



13.6143, 13.7817, 14.9336



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.



29.2700, 27.1900, 28.9052



49.7603, 44.6515, 46.9462



30.1154, 29.6880, 26.6989



7.5938, 7.5674, 8.1781



12.4468, 6.3874, 1.8983



0.3204, 0.1624, 0.1387

Inverse Universe

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



29.2700, 27.1900, 28.9052



49.7603, 44.6515, 46.9462



28.9748, 32.1938, 41.2464



7.5938, 7.5674, 8.1781



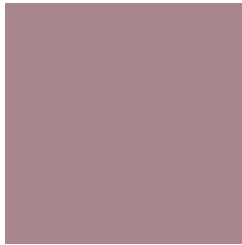
12.4468, 6.3874, 1.8983



0.3204, 0.1624, 0.1387

Previews

White Background



This preview shows how the XYZ color 29.2692, 27.1888, 28.9046 looks on a white background.

Color Contrast Check

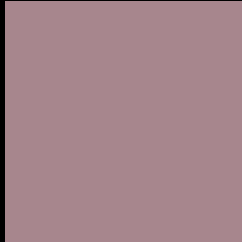
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2692, 27.1888, 28.9046 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 29.2692, 27.1888, 28.9046

Background



This preview shows how black text looks on a background with the XYZ color 29.2692, 27.1888, 28.9046.



This preview shows how white text looks on a background with the XYZ color 29.2692, 27.1888,

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

29.2692, 27.1888, 28.9046

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.7267, 27.2385, 28.6071



Tritanopia

29.4955, 27.2793, 30.0964

Trichromacy



Original Color

29.2692, 27.1888, 28.9046

Protanomaly

27.2156, 27.1543, 30.1924

Deuteranomaly

28.3772, 27.3618, 28.5967

Tritanomaly

29.4194, 27.2489, 29.6956

Monochromacy



Original Color

29.2692, 27.1888, 28.9046

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6958, 27.8357, 30.2987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2692, 27.1888, 28.9046 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(167, 134, 141)` looks like.

```
.text, #text, p{  
    color:rgb(167, 134, 141)  
}
```

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(167, 134, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 134, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.2692, 27.1888, 28.9046 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(167, 134, 141) }
```


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

```
.border{ border-color:rgb(167, 134, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 134, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 134, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 134, 141);  
box-shadow:4px 4px 4px 4px rgb(167, 134,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2692, 27.1888, 28.9046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 134, 141) }
```

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

```
.background{ background-color: rgb(167,  
134, 141) }
```

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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