

Converting Colors

XYZ(30.2854, 27.2704, 28.5185)

Have a look what the booklet for
XYZ(30.2854, 27.2704, 28.5185)
contains.

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Color

**XYZ(30.2185, 27.2802,
28.4839)**

Conversions

Conversions Part 1

Format	Color
Hex	AD848C
RGB	173, 132, 140
RGB Percent	68%, 52%, 55%
CMY	0.3216, 0.4823, 0.4510
CMYK	0.00, 0.24, 0.19, 0.32
HSL	348°, 20%, 60%
HSV	348°, 24%, 68%
XYZ	30.2185, 27.2802, 28.4839
YIQ	145.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

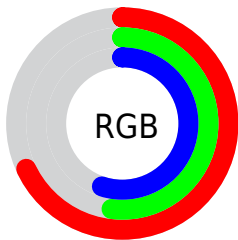
Format	Color
R_{YB}	173, 132, 140
Decimal	11371660
CIE _{Lab}	59.23, 16.98, 1.80
CIE _{LCh}	59, 17.073, 6.052
Yxy	27.2802, 0.3514, 0.3173
Android (android.graphics.Color)	4289561740 (0xFFAD848C)
YUV	145.1710, -2.5493, 24.4060
Hunter-Lab	52.2305, 11.8698, 4.2275

Details

The XYZ color **30.2185, 27.2802, 28.4839** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2519, 37.5100, 41.1921**, and the grayscale version is **26.9876, 28.3930, 30.9200**.

A 20% lighter version of the original color is **59.2877, 55.2062, 57.9831**, and **12.6085, 10.7658, 11.0863** is the 20% darker color. If you saturate the color by 10%, you get **27.1015, 22.5867, 22.6955**, and if you desaturate by 10%, it is **33.8560, 32.8062, 35.0876**.

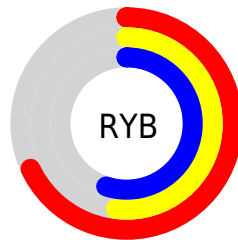
Distribution



Red (68%)

Green (52%)

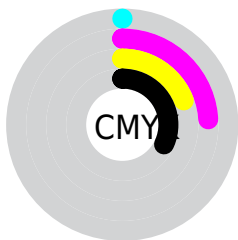
Blue (55%)



Red (68%)

Yellow (52%)

Blue (55%)

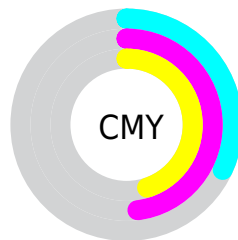


Cyan (0%)

Magenta (24%)

Yellow (19%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2185, 27.2802, 28.4839 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 30.2185, 27.2802, 28.4839 by changing the saturation by 10% instead.

■ 30.2185, 27.2802,
28.4839

■ 30.2185, 27.2802,
28.4839

294.8132,
289.0112, 308.7564

■ 20.1534, 17.7838,
18.4485

■ 59.3918, 55.3332,
58.2885

■ 12.6155, 10.7949,
11.0997

■ 79.2307, 74.6585,
78.8947

■ 7.2395, 5.9291,
6.0189

■ 103.0583, 98.0289,
103.8617

■ 3.6600, 2.8020,
2.7876

131.2398,
125.8288, 133.6080

■ 1.5116, 1.0293,
0.9872

164.1408,
158.4426, 168.5520

■ 0.3337, 0.0000,
0.0000

202.1264,

■ 0.0000, 0.0000,

196.2547, 209.1124

0.0000

245.5621,
239.6494, 255.7077

■ 30.2185, 27.2802,
28.4839

■ 30.2185, 27.2802,
28.4839

■ 27.1015, 22.5867,
22.6955

■ 33.8560, 32.8062,
35.0876

■ 24.4789, 18.6818,
17.6889

■ 38.0342, 39.1986,
42.5350

■ 22.3252, 15.5230,
13.4305

■ 42.7749, 46.4938,
50.8552

■ 20.6124, 13.0624,
9.8840

■ 48.0981, 54.7250,
60.0754

■ 19.3088, 11.2467,
7.0095

■ 54.0228, 63.9238,
70.2215

■ 18.3787, 10.0144,
4.7634

■ 60.5670, 74.1204,
81.3186

■ 17.7796, 9.2924,
3.0964

■ 67.7483, 85.3434,
93.3906

■ 17.5188, 8.9983,
2.3077

■ 70.4702, 87.3949,
104.7564

■ 71.0437, 87.6243,
107.7765

Harmonies

Analogous

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



29.8548, 27.2802, 34.7231



30.2185, 27.2802, 28.4839



29.3830, 27.2802, 23.3217

Triad

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



30.2185, 27.2802, 28.4839



23.5927, 27.2802, 21.1942



24.3020, 27.2802, 41.7638

Complementary

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



30.2185, 27.2802, 28.4839



31.2519, 37.5100, 41.1921

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.



22.7569, 27.2802, 37.1547



30.2185, 27.2802, 28.4839



22.3634, 27.2802, 25.1926

Square

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



30.2185, 27.2802, 28.4839



25.4996, 27.2802, 19.5000



22.0660, 27.2802, 30.9574



26.3632, 27.2802, 42.9602

Rectangle

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



30.2185, 27.2802, 28.4839



28.2839, 27.2802, 20.9975



22.0660, 27.2802, 30.9574



23.7086, 27.2802, 40.5342

Sweetspot

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



30.2193, 27.2814, 28.4845



65.4425, 66.1024, 71.4360



31.2705, 27.4989, 43.1952



14.1286, 14.2224, 15.3584



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.



30.2193, 27.2814, 28.4845



51.3318, 44.6491, 45.8673



31.4181, 30.5888, 26.0796



8.0667, 8.0399, 8.6622



12.8867, 6.6172, 1.7831



0.3767, 0.1914, 0.1456

Inverse Universe

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



30.2193, 27.2814, 28.4845



51.3318, 44.6491, 45.8673



29.7521, 33.3086, 44.3966



8.0667, 8.0399, 8.6622



12.8867, 6.6172, 1.7831



0.3767, 0.1914, 0.1456

Previews

White Background



This preview shows how the XYZ color 30.2185, 27.2802, 28.4839 looks on a white background.

Color Contrast Check

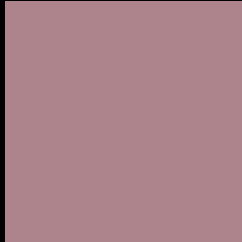
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2185, 27.2802, 28.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

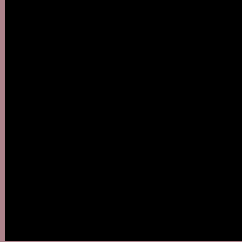
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2185, 27.2802, 28.4839

Background



This preview shows how black text looks on a background with the XYZ color 30.2185, 27.2802, 28.4839.



This preview shows how white text looks on a background with the XYZ color 30.2185, 27.2802,

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

30.2185, 27.2802, 28.4839

Protanopia

26.3629, 27.3506, 31.0839

Deuteranopia

27.8492, 27.3101, 28.2297



Tritanopia

30.3673, 27.3398, 29.2678

Trichromacy



Original Color

30.2185, 27.2802, 28.4839

Protanomaly

27.6401, 27.1591, 30.1710

Deuteranomaly

28.5686, 27.2589, 28.1819

Tritanomaly

30.2926, 27.3099, 28.8740

Monochromacy



Original Color

30.2185, 27.2802, 28.4839

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8536, 27.7079, 29.8667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2185, 27.2802, 28.4839 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(173, 132, 140)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 140)  
}
```

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(173, 132, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.2185, 27.2802, 28.4839 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(173, 132, 140) }
```


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

```
.border{ border-color:rgb(173, 132, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 140);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2185, 27.2802, 28.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 140) }
```

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

```
.background{ background-color: rgb(173,  
132, 140) }
```

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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