

Converting Colors

XYZ(32.0805, 27.9128, 34.2687)

Have a look what the booklet for
XYZ(32.0805, 27.9128, 34.2687)
contains.

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Color

**XYZ(32.0805, 27.9128,
34.2687)**

Conversions

Conversions Part 1

Format	Color
Hex	B1839A
RGB	177, 131, 154
RGB Percent	69%, 51%, 60%
CMY	0.3059, 0.4863, 0.3961
CMYK	0.00, 0.26, 0.13, 0.31
HSL	330°, 23%, 60%
HSV	330°, 26%, 69%
XYZ	32.0805, 27.9128, 34.2687
YIQ	147.3760, 20.0330, 16.9050

Conversions

Conversions Part 2

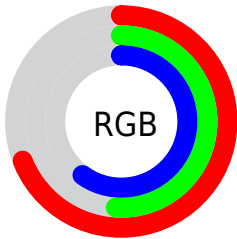
Format	Color
RYB	177, 131, 154
Decimal	11633562
CIELab	59.81, 21.36, -5.34
CIELCh	60, 22.017, 345.973
Yxy	27.9128, 0.3403, 0.2961
Android (android.graphics.Color)	4289823642 (0xFFB1839A)
YUV	147.3760, 3.2656, 25.9802
Hunter-Lab	52.8326, 15.9301, -1.4744

Details

The XYZ color **32.0805, 27.9128, 34.2687** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.9161, 38.6035, 36.3955**, and the grayscale version is **27.8706, 29.3220, 31.9317**.

A 20% lighter version of the original color is **62.1299, 56.1587, 67.2396**, and **13.7028, 11.1492, 14.2618** is the 20% darker color. If you saturate the color by 10%, you get **29.1932, 23.2744, 29.8025**, and if you desaturate by 10%, it is **35.4299, 33.3877, 39.1577**.

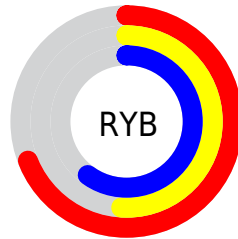
Distribution



Red (69%)

Green (51%)

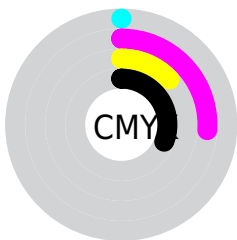
Blue (60%)



Red (69%)

Yellow (51%)

Blue (60%)

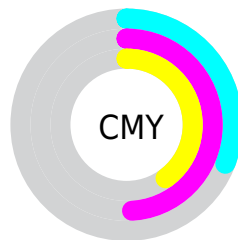


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0805, 27.9128, 34.2687 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 32.0805, 27.9128, 34.2687 by changing the saturation by 10% instead.


 32.0805, 27.9128,
34.2687


 32.0805, 27.9128,
34.2687


303.2246,
292.0500, 336.1342


 21.5788, 18.2599,
22.8211


 62.3016, 56.3452,
67.4900

 13.6626, 11.1368,
14.2574


 82.7518, 75.8935,
90.1007

 7.9665, 6.1589,
8.1591


 107.2488, 99.5091,
117.2695

 4.1252, 2.9419,
4.1077

136.1581,
127.5764, 149.4150

 1.7732, 1.1015,
1.6846

169.8449,
160.4797, 186.9556

 0.5014, 0.0000,
0.3502

208.6747,

 0.0000, 0.0000,

198.6035, 230.3100

0.0000

253.0128,
242.3321, 279.8967

■ 32.0805, 27.9128,
34.2687

■ 32.0805, 27.9128,
34.2687

■ 29.1932, 23.2744,
29.8025

■ 35.4299, 33.3877,
39.1577

■ 26.7437, 19.4270,
25.7445

■ 39.2593, 39.7340,
44.4802

■ 24.7093, 16.3264,
22.0813

■ 43.5885, 46.9895,
50.2484

■ 23.0639, 13.9226,
18.7982

■ 48.4355, 55.1883,
56.4737

■ 21.7783, 12.1594,
15.8790

■ 53.8174, 64.3629,
63.1668

■ 20.8190, 10.9717,
13.3058

■ 59.7505, 74.5443,
70.3381

■ 20.1425, 10.2749,
11.0574

■ 66.2502, 85.7620,
77.9977

■ 19.9136, 10.0600,
10.2323

■ 67.4558, 86.2929,
84.1966

■ 68.6937, 86.7880,
90.7151

Harmonies

Analogous

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



30.5759, 27.9128, 42.3644



32.0805, 27.9128, 34.2687



32.0270, 27.9128, 26.3587

Triad

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



32.0805, 27.9128, 34.2687



25.0817, 27.9128, 17.8892



22.9751, 27.9128, 42.8265

Complementary

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



32.0805, 27.9128, 34.2687



30.9161, 38.6035, 36.3955

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.



21.7015, 27.9128, 34.8177



32.0805, 27.9128, 34.2687



22.8582, 27.9128, 20.9193

Square

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



32.0805, 27.9128, 34.2687



27.8514, 27.9128, 17.7945



21.6602, 27.9128, 26.8198



25.2516, 27.9128, 47.8601

Rectangle

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



32.0805, 27.9128, 34.2687



31.1111, 27.9128, 22.2340



21.6602, 27.9128, 26.8198



22.4227, 27.9128, 40.3359

Sweetspot

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



32.0813, 27.9141, 34.2693



68.7626, 68.5828, 77.5457



29.3797, 26.2784, 45.1191



14.6760, 14.4876, 16.4943



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.0813, 27.9141, 34.2693



54.4896, 45.2071, 56.8486



30.3455, 27.2198, 25.1288



8.6676, 8.5738, 9.7481



14.4586, 7.3010, 7.5751



0.4844, 0.2415, 0.3934

Inverse Universe

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



32.0813, 27.9141, 34.2693



54.4896, 45.2071, 56.8486



33.0189, 39.4446, 47.4687



8.6676, 8.5738, 9.7481



14.4586, 7.3010, 7.5751



0.4844, 0.2415, 0.3934

Previews

White Background



This preview shows how the XYZ color 32.0805, 27.9128, 34.2687 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 32.0805, 27.9128, 34.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

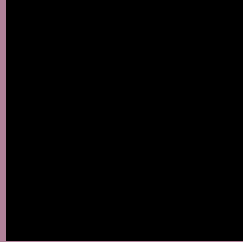
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0805, 27.9128, 34.2687

Background



This preview shows how black text looks on a background with the XYZ color 32.0805, 27.9128, 34.2687.



This preview shows how white text looks on a background with the XYZ color 32.0805, 27.9128,

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

32.0805, 27.9128, 34.2687

Protanopia

27.4994, 28.0043, 38.1384

Deuteranopia

28.5631, 27.9917, 33.6033



Tritanopia

31.2500, 27.9883, 29.7418

Trichromacy



Original Color

32.0805, 27.9128, 34.2687

Protanomaly

29.0082, 27.9370, 36.6644

Deuteranomaly

29.7997, 27.9778, 33.9666

Tritanomaly

31.4222, 27.8392, 31.3211

Monochromacy



Original Color

32.0805, 27.9128, 34.2687

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.1304, 28.5209, 32.8239

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0805, 27.9128, 34.2687 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(177, 131, 154)` looks like.

```
.text, #text, p{  
    color:rgb(177, 131, 154)  
}
```

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(177, 131, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 131, 154) }
```

Border

The CSS property to change the border of an element to XYZ 32.0805, 27.9128, 34.2687 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(177, 131, 154) }
```


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

```
.border{ border-color:rgb(177, 131, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 131, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 131, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 131, 154); box-shadow:4px 4px 4px 4px rgb(177, 131, 154) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0805, 27.9128, 34.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 131, 154) }
```

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

```
.background{ background-color: rgb(177,  
131, 154) }
```

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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