

Converting Colors

XYZ(32.1319, 30.4025, 27.0729)

Have a look what the booklet for
XYZ(32.1319, 30.4025, 27.0729)
contains.

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Color

**XYZ(32.1776, 30.4424,
27.1017)**

Conversions

Conversions Part 1

Format	Color
Hex	B18E87
RGB	177, 142, 135
RGB Percent	69%, 56%, 53%
CMY	0.3059, 0.4431, 0.4706
CMYK	0.00, 0.20, 0.24, 0.31
HSL	10°, 21%, 61%
HSV	10°, 24%, 69%
XYZ	32.1776, 30.4424, 27.1017
YIQ	151.6670, 23.1070, 5.2430

Conversions

Conversions Part 2

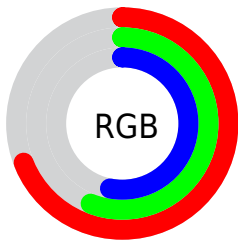
Format	Color
RYB	177, 143, 135
Decimal	11636359
CIELab	62.03, 12.12, 8.73
CIELCh	62, 14.942, 35.767
Yxy	30.4424, 0.3586, 0.3393
Android (android.graphics.Color)	4289826439 (0xFFB18E87)
YUV	151.6670, -8.2168, 22.2170
Hunter-Lab	55.1746, 7.5448, 9.4991

Details

The XYZ color **32.1776, 30.4424, 27.1017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3018, 37.0735, 47.0484**, and the grayscale version is **29.7295, 31.2778, 34.0615**.

A 20% lighter version of the original color is **62.4213, 60.4343, 55.9520**, and **13.7790, 12.5953, 10.2992** is the 20% darker color. If you saturate the color by 10%, you get **28.9826, 25.8836, 20.3911**, and if you desaturate by 10%, it is **35.8718, 35.6676, 35.0016**.

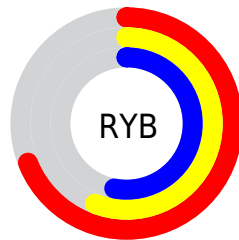
Distribution



Red (69%)

Green (56%)

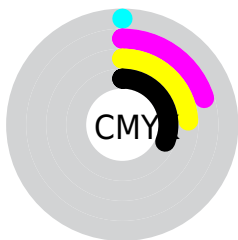
Blue (53%)



Red (69%)

Yellow (56%)

Blue (53%)

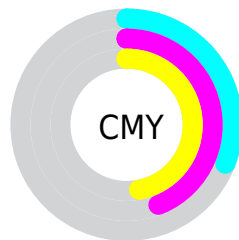


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (31%)



Cyan (31%)


Magenta (44%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1776, 30.4424, 27.1017 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 32.1776, 30.4424, 27.1017 by changing the saturation by 10% instead.


 32.1776, 30.4424,
27.1017


 32.1776, 30.4424,
27.1017


303.6584,
303.9612, 301.9249


 21.6534, 20.1746,
17.4165


 62.4527, 60.3611,
56.0527

 13.7176, 12.5220,
10.3668


 82.9343, 80.7808,
76.1557

 8.0049, 7.1003,
5.5341


 107.4658,
105.3533, 100.5682

 4.1499, 3.5249,
2.4997

136.4125,
134.4630, 129.7090

 1.7873, 1.4115,
0.8400

170.1398,
168.4942, 163.9965

 0.5100, 0.2252,
0.0000

209.0129,

 0.0000, 0.0000,

207.8314, 203.8493

0.0000

253.3974,
252.8589, 249.6860

■ 32.1776, 30.4424,
27.1017

■ 32.1776, 30.4424,
27.1017

■ 28.9826, 25.8836,
20.3911

■ 35.8718, 35.6676,
35.0016

■ 26.2628, 21.9602,
14.8101

■ 40.0830, 41.5803,
44.1426

■ 23.9959, 18.6452,
10.2971

■ 44.8311, 48.2056,
54.5759

■ 22.1567, 15.9077,
6.7833

■ 50.1342, 55.5662,
66.3489

■ 20.7176, 13.7144,
4.1921

■ 56.0095, 63.6840,
79.5070

■ 19.6475, 12.0282,
2.4357

■ 62.4736, 72.5798,
94.0933

■ 18.9103, 10.8072,
1.4090

■ 68.9077, 82.0196,
106.8073

■ 18.5836, 10.2513,
0.9992

■ 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



32.9433, 30.4424, 32.0493



32.1776, 30.4424, 27.1017



30.5464, 30.4424, 24.0616

Triad

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



32.1776, 30.4424, 27.1017



25.5588, 30.4424, 28.8172



29.3238, 30.4424, 45.3932

Complementary

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



32.1776, 30.4424, 27.1017



32.3018, 37.0735, 47.0484

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.



27.3805, 30.4424, 44.2714



32.1776, 30.4424, 27.1017



25.2651, 30.4424, 34.2686

Square

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



32.1776, 30.4424, 27.1017



26.7388, 30.4424, 24.9690



25.9171, 30.4424, 40.0295



31.2475, 30.4424, 42.9392

Rectangle

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



32.1776, 30.4424, 27.1017



29.2202, 30.4424, 23.3079



25.9171, 30.4424, 40.0295



28.6509, 30.4424, 45.4249

Sweetspot

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



32.1784, 30.4438, 27.1023



69.1235, 70.7367, 73.2510



34.0513, 29.5777, 41.9447



14.8848, 15.1960, 15.6673



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.



32.1784, 30.4438, 27.1023



54.8029, 50.4990, 42.5708



35.6020, 37.2910, 28.2435



8.6071, 8.7267, 8.8833



13.4956, 7.4897, 0.7344



0.4595, 0.3054, 0.0347

Inverse Universe

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



32.3018, 37.0735, 47.0484



55.0551, 64.2608, 83.9972



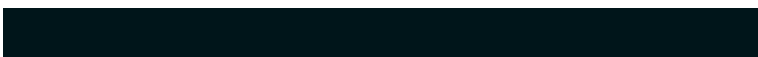
28.6752, 29.8204, 45.8396



8.6197, 9.3855, 10.8636



13.4021, 17.6046, 32.8287



0.4537, 0.6178, 1.0436

Previews

White Background



This preview shows how the XYZ color 32.1776, 30.4424, 27.1017 looks on a white background.

Color Contrast Check

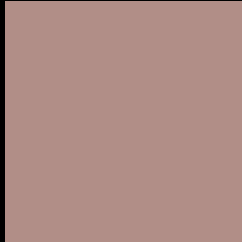
Large Text (above 18pt) WCAG AA × Fail

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 32.1776, 30.4424, 27.1017 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 32.1776, 30.4424, 27.1017

Background



This preview shows how black text looks on a background with the XYZ color 32.1776, 30.4424, 27.1017.



This preview shows how white text looks on a background with the XYZ color 32.1776, 30.4424,

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

32.1776, 30.4424, 27.1017

Protanopia

29.0841, 30.6453, 28.8083

Deuteranopia

31.0060, 30.5181, 26.8106



Tritanopia

33.4735, 30.5419, 32.9851

Trichromacy



Original Color

32.1776, 30.4424, 27.1017

Protanomaly

30.1254, 30.4889, 28.3419

Deuteranomaly

31.5099, 30.5520, 26.7906

Tritanomaly

32.9958, 30.5591, 30.9475

Monochromacy



Original Color

32.1776, 30.4424, 27.1017

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.4762, 30.8322, 31.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1776, 30.4424, 27.1017 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, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(177, 142, 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(177, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 142, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.1776, 30.4424, 27.1017 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, 142, 135) }
```


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

```
.border{ border-color:rgb(177, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(177, 142,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1776, 30.4424, 27.1017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 142, 135) }
```

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

```
.background{ background-color: rgb(177,  
142, 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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