

Converting Colors

XYZ(32.2385, 30.2040, 29.3317)

Have a look what the booklet for
XYZ(32.2385, 30.2040, 29.3317)
contains.

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Color

**XYZ(32.2371, 30.2029,
29.3300)**

Conversions

Conversions Part 1

Format	Color
Hex	B08D8D
RGB	176, 141, 141
RGB Percent	69%, 55%, 55%
CMY	0.3098, 0.4470, 0.4471
CMYK	0.00, 0.20, 0.20, 0.31
HSL	0°, 18%, 62%
HSV	0°, 20%, 69%
XYZ	32.2371, 30.2029, 29.3300
YIQ	151.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

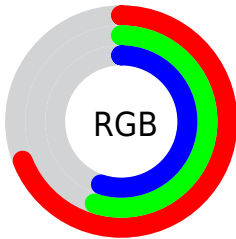
Format	Color
R _Y B	176, 141, 141
Decimal	11570573
CIE Lab	61.83, 13.22, 5.02
CIE LCh	62, 14.145, 20.796
Yxy	30.2029, 0.3513, 0.3291
Android (android.graphics.Color)	4289760653 (0xFFB08D8D)
YUV	151.4650, -5.1592, 21.5172
Hunter-Lab	54.9572, 8.5306, 6.8276

Details

The XYZ color **32.2371, 30.2029, 29.3300** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.3461, 39.8472, 46.9557**, and the grayscale version is **29.6306, 31.1737, 33.9481**.

A 20% lighter version of the original color is **62.6441, 60.1261, 59.9336**, and **13.7978, 12.4485, 11.5731** is the 20% darker color. If you saturate the color by 10%, you get **28.6383, 24.9371, 22.1747**, and if you desaturate by 10%, it is **36.4580, 36.3794, 37.7201**.

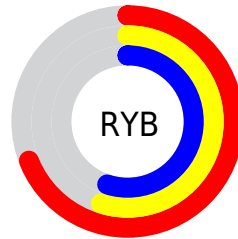
Distribution



Red (69%)

Green (55%)

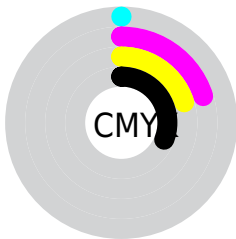
Blue (55%)



Red (69%)

Yellow (55%)

Blue (55%)

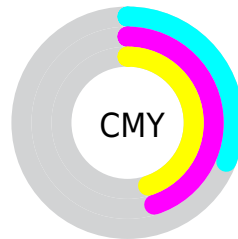


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2371, 30.2029, 29.3300 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 32.2371, 30.2029, 29.3300 by changing the saturation by 10% instead.

■ 32.2371, 30.2029,
29.3300

■ 32.2371, 30.2029,
29.3300

303.9240,
302.8491, 312.8783

■ 21.6991, 19.9926,
19.0829

■ 62.5453, 59.9829,
59.6494

■ 13.7513, 12.3897,
11.5528

■ 83.0462, 80.3214,
80.5588

■ 8.0285, 7.0097,
6.3211

■ 107.5987,
104.8049, 105.8593

■ 4.1651, 3.4681,
2.9694

136.5683,
133.8176, 135.9695

■ 1.7960, 1.3807,
1.0790

170.3203,
167.7440, 171.3080

■ 0.5152, 0.2025,
0.0000

209.2200,

■ 0.0000, 0.0000,

206.9684, 212.2933

0.0000

253.6328,
251.8753, 259.3439

■ 32.2371, 30.2029,
29.3300

■ 32.2371, 30.2029,
29.3300

■ 28.6383, 24.9371,
22.1747

■ 36.4580, 36.3794,
37.7201

■ 25.6300, 20.5350,
16.1943

■ 41.3259, 43.5024,
47.3975

■ 23.1813, 16.9518,
11.3265

■ 46.8672, 51.6108,
58.4137

■ 21.2577, 14.1370,
7.5026

■ 53.1063, 60.7402,
70.8172

■ 19.8209, 12.0345,
4.6465

■ 60.0661, 70.9243,
84.6537

■ 18.8272, 10.5804,
2.6714

■ 67.7689, 82.1953,
99.9671

■ 18.2255, 9.6998,
1.4754

■ 71.7146, 87.9702,
107.8079

■ 17.9081, 9.2353,
0.8445

■ 17.9048, 9.2305,
0.8380

Harmonies

Analogous

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



32.4426, 30.2029, 34.5773



32.2371, 30.2029, 29.3300



31.0638, 30.2029, 25.4676

Triad

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



32.2371, 30.2029, 29.3300



25.9841, 30.2029, 26.7408



28.1301, 30.2029, 44.2565

Complementary

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



32.2371, 30.2029, 29.3300



34.3461, 39.8472, 46.9557

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.



26.4724, 30.2029, 41.6205



32.2371, 30.2029, 29.3300



25.2696, 30.2029, 31.2504

Square

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



32.2371, 30.2029, 29.3300



27.4369, 30.2029, 24.0905



25.4444, 30.2029, 36.7180



30.0156, 30.2029, 43.5971

Rectangle

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



32.2371, 30.2029, 29.3300



29.9180, 30.2029, 24.0103



25.4444, 30.2029, 36.7180



27.5291, 30.2029, 43.7166

Sweetspot

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



32.2379, 30.2043, 29.3306



69.3197, 70.6584, 74.7678



35.2662, 31.4149, 45.2796



14.9048, 15.1402, 15.9689



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.



32.2379, 30.2043, 29.3306



55.3721, 50.2493, 47.0401



35.0249, 35.7783, 30.2596



8.4964, 8.5054, 8.8464



13.1370, 6.7726, 0.6148



0.4134, 0.2131, 0.0194

Inverse Universe

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



34.3461, 39.8472, 46.9557



59.9186, 71.0452, 85.0503



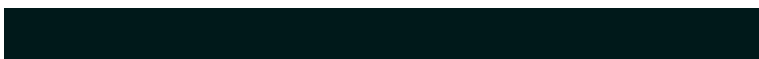
31.1337, 33.4224, 45.8849



8.7426, 9.6314, 10.9046



17.1388, 25.0781, 34.0742



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 32.2371, 30.2029, 29.3300 looks on a white background.

Color Contrast Check

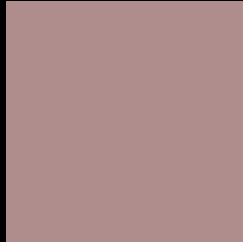
Large Text (above 18pt) WCAG AA × Fail

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 32.2371, 30.2029, 29.3300 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 32.2371, 30.2029, 29.3300

Background



This preview shows how black text looks on a background with the XYZ color 32.2371, 30.2029, 29.3300.



This preview shows how white text looks on a background with the XYZ color 32.2371, 30.2029,

29.3300.

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

32.2371, 30.2029, 29.3300

Protanopia

28.9951, 30.3115, 31.1106

Deuteranopia

30.6432, 30.0555, 28.9972



Tritanopia

33.0146, 30.3053, 32.9636

Trichromacy



Original Color

32.2371, 30.2029, 29.3300

Protanomaly

30.0109, 30.1485, 30.6230

Deuteranomaly

31.1336, 30.0844, 28.9769

Tritanomaly

32.7760, 30.2099, 31.7074

Monochromacy



Original Color

32.2371, 30.2029, 29.3300

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.1974, 30.4476, 31.8892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2371, 30.2029, 29.3300 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(176, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(176, 141, 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(176, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 141, 141) }
```

Border

The CSS property to change the border of an element to XYZ 32.2371, 30.2029, 29.3300 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(176, 141, 141) }
```


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

```
.border{ border-color:rgb(176, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(176, 141,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2371, 30.2029, 29.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 141, 141) }
```

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

```
.background{ background-color: rgb(176,  
141, 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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