

Converting Colors

XYZ(32.8244, 30.1000, 37.7981)

Have a look what the booklet for
XYZ(32.8244, 30.1000, 37.7981)
contains.

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Color

**XYZ(32.8244, 30.1000,
37.7981)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8CA1
RGB	172, 140, 161
RGB Percent	67%, 55%, 63%
CMY	0.3255, 0.4510, 0.3686
CMYK	0.00, 0.19, 0.06, 0.33
HSL	321°, 16%, 61%
HSV	321°, 19%, 67%
XYZ	32.8244, 30.1000, 37.7981
YIQ	151.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

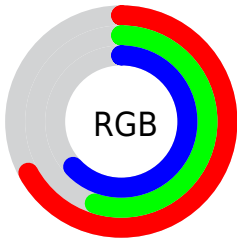
Format	Color
R_{YB}	172, 140, 161
Decimal	11308193
CIE _{Lab}	61.74, 15.71, -6.53
CIE _{LCh}	62, 17.011, 337.440
Yxy	30.1000, 0.3259, 0.2988
Android (android.graphics.Color)	4289498273 (0xFFAC8CA1)
YUV	151.9620, 4.4557, 17.5733
Hunter-Lab	54.8635, 10.7841, -2.4433

Details

The XYZ color **32.8244, 30.1000, 37.7981** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1549, 37.3158, 34.8405**, and the grayscale version is **29.8070, 31.3593, 34.1503**.

A 20% lighter version of the original color is **63.6814, 60.0354, 73.1974**, and **14.0242, 12.3384, 16.1104** is the 20% darker color. If you saturate the color by 10%, you get **29.9959, 25.2576, 34.3433**, and if you desaturate by 10%, it is **36.0721, 35.7407, 41.5150**.

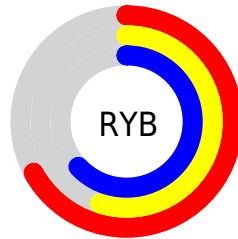
Distribution



Red (67%)

Green (55%)

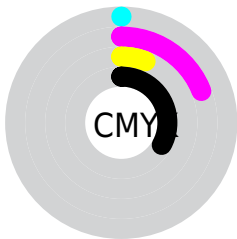
Blue (63%)



Red (67%)

Yellow (55%)

Blue (63%)

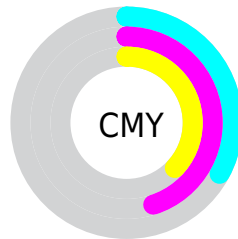


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8244, 30.1000, 37.7981 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 32.8244, 30.1000, 37.7981 by changing the saturation by 10% instead.


 32.8244, 30.1000,
37.7981


 32.8244, 30.1000,
37.7981


306.5367,
302.3703, 352.0253


 22.1505, 19.9145,
25.5254


 63.4578, 59.8203,
72.9986

 14.0848, 12.3329,
16.2464


 84.1480, 80.1239,
96.7634

 8.2618, 6.9708,
9.5424


 108.9078,
104.5689, 125.1961

 4.3161, 3.4439,
4.9950

138.1024,
133.5399, 158.7151

 1.8825, 1.3676,
2.1857

172.0973,
167.4211, 197.7389

 0.5666, 0.1927,
0.6661

211.2577,

 0.0000, 0.0000,

206.5970, 242.6862

0.0000

255.9491,
251.4519, 293.9755

■ 32.8244, 30.1000,
37.7981

■ 32.8244, 30.1000,
37.7981

■ 29.9959, 25.2576,
34.3433

■ 36.0721, 35.7407,
41.5150

■ 27.5656, 21.1729,
31.1409

■ 39.7539, 42.2097,
45.4996

■ 25.5142, 17.8078,
28.1831

■ 43.8868, 49.5407,
49.7595

■ 23.8201, 15.1193,
25.4611

■ 48.4864, 57.7639,
54.3015

■ 22.4592, 13.0600,
22.9649

■ 53.5674, 66.9085,
59.1319

■ 21.4041, 11.5758,
20.6836

■ 59.1439, 77.0019,
64.2570

■ 20.6232, 10.6038,
18.6049

■ 63.4808, 84.5737,
69.0999

■ 20.0596, 10.0309,
16.7079

■ 64.1964, 84.8599,
72.8682

■ 19.9868, 9.9601,
16.4535

■ 64.9391, 85.1570,
76.7795

Harmonies

Analogous

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



31.3405, 30.1000, 43.7135



32.8244, 30.1000, 37.7981



33.1507, 30.1000, 31.1845

Triad

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



32.8244, 30.1000, 37.7981



28.0487, 30.1000, 21.8922



25.2872, 30.1000, 40.9600

Complementary

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



32.8244, 30.1000, 37.7981



31.1549, 37.3158, 34.8405

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.



24.5026, 30.1000, 34.4162



32.8244, 30.1000, 37.7981



26.0413, 30.1000, 23.8309

Square

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



32.8244, 30.1000, 37.7981



30.3135, 30.1000, 22.5481



24.7712, 30.1000, 28.2157



26.9699, 30.1000, 45.7006

Rectangle

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



32.8244, 30.1000, 37.7981



32.6529, 30.1000, 27.3533



24.7712, 30.1000, 28.2157



24.9138, 30.1000, 38.8668

Sweetspot

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



32.8253, 30.1013, 37.7987



67.0310, 67.6232, 77.0711



29.5264, 28.2836, 42.9334



14.4801, 14.5432, 16.6534



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.



32.8253, 30.1013, 37.7987



57.5157, 51.1096, 66.1400



31.5290, 29.5828, 30.9727



8.2183, 8.1006, 9.4604



14.8998, 7.4225, 12.3836



0.4389, 0.2162, 0.4728

Inverse Universe

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



32.8253, 30.1013, 37.7987



57.5157, 51.1096, 66.1400



32.5130, 37.8591, 41.9926



8.2183, 8.1006, 9.4604



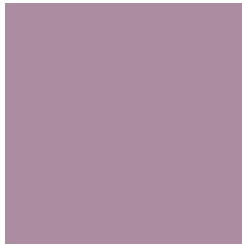
14.8998, 7.4225, 12.3836



0.4389, 0.2162, 0.4728

Previews

White Background



This preview shows how the XYZ color 32.8244, 30.1000, 37.7981 looks on a white background.

Color Contrast Check

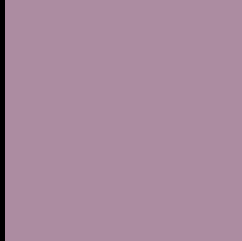
Large Text (above 18pt) WCAG AA × Fail

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 32.8244, 30.1000, 37.7981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

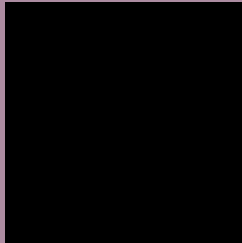
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8244, 30.1000, 37.7981

Background



This preview shows how black text looks on a background with the XYZ color 32.8244, 30.1000, 37.7981.



This preview shows how white text looks on a background with the XYZ color 32.8244, 30.1000,

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

32.8244, 30.1000, 37.7981

Protanopia

29.5055, 30.1360, 40.3381

Deuteranopia

30.7686, 30.1598, 37.4574



Tritanopia

31.9870, 29.9747, 33.8056

Trichromacy



Original Color

32.8244, 30.1000, 37.7981

Protanomaly

30.5365, 29.9991, 39.3029

Deuteranomaly

31.4775, 30.0755, 37.4038

Tritanomaly

32.2359, 30.0742, 35.1162

Monochromacy



Original Color

32.8244, 30.1000, 37.7981

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8044, 30.9173, 35.3544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8244, 30.1000, 37.7981 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(172, 140, 161)` looks like.

```
.text, #text, p{  
    color:rgb(172, 140, 161)  
}
```

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(172, 140, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 140, 161) }
```

Border

The CSS property to change the border of an element to XYZ 32.8244, 30.1000, 37.7981 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(172, 140, 161) }
```


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

```
.border{ border-color:rgb(172, 140, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 140, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 140, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 140, 161);  
box-shadow:4px 4px 4px 4px rgb(172, 140,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8244, 30.1000, 37.7981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 140, 161) }
```

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

```
.background{ background-color: rgb(172,  
140, 161) }
```

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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