

Converting Colors

XYZ(30.5908, 28.0773, 32.4923)

Have a look what the booklet for
XYZ(30.5908, 28.0773, 32.4923)
contains.

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Color

**XYZ(30.5312, 27.9650,
32.6428)**

Conversions

Conversions Part 1

Format	Color
Hex	A98796
RGB	169, 135, 150
RGB Percent	66%, 53%, 59%
CMY	0.3373, 0.4706, 0.4118
CMYK	0.00, 0.20, 0.11, 0.34
HSL	334°, 17%, 60%
HSV	334°, 20%, 66%
XYZ	30.5312, 27.9650, 32.6428
YIQ	146.8760, 15.4490, 11.8730

Conversions

Conversions Part 2

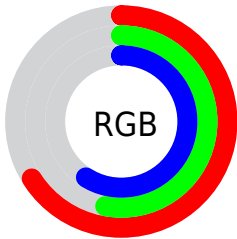
Format	Color
R_{YB}	169, 135, 150
Decimal	11110294
CIE _{Lab}	59.86, 15.46, -3.07
CIE _{LCh}	60, 15.761, 348.774
Yxy	27.9650, 0.3350, 0.3068
Android (android.graphics.Color)	4289300374 (0xFFA98796)
YUV	146.8760, 1.5401, 19.4027
Hunter-Lab	52.8819, 10.5129, 0.4190

Details

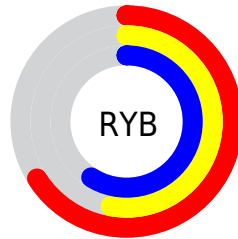
The XYZ color **30.5312, 27.9650, 32.6428** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.0135, 35.8607, 35.9135**, and the grayscale version is **27.6720, 29.1131, 31.7042**.

A 20% lighter version of the original color is **59.9336, 56.3336, 64.8414**, and **12.7031, 11.1109, 13.2795** is the 20% darker color. If you saturate the color by 10%, you get **27.6278, 23.3264, 28.0727**, and if you desaturate by 10%, it is **33.8718, 33.3792, 37.6618**.

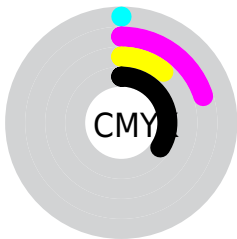
Distribution



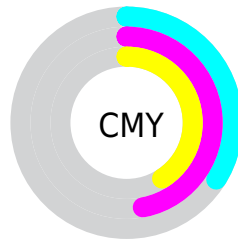
- Red (66%)
- Green (53%)
- Blue (59%)



- Red (66%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (34%)




- Cyan (34%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5312, 27.9650, 32.6428 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 30.5312, 27.9650, 32.6428 by changing the saturation by 10% instead.


 30.5312, 27.9650,
32.6428


 30.5312, 27.9650,
32.6428


296.2383,
292.2996, 328.6196


 20.3922, 18.2993,
21.5841


 59.8821, 56.4286,
64.9270

 12.7904, 11.1651,
13.3562


 79.8247, 75.9952,
86.9896

 7.3604, 6.1780,
7.5407


 103.7660, 99.6309,
113.5572

 3.7368, 2.9536,
3.7190

132.0711,
127.7201, 145.0484

 1.5543, 1.1076,
1.4725

165.1056,
160.6472, 181.8817

 0.3624, 0.0000,
0.1973

203.2347,

 0.0000, 0.0000,

198.7965, 224.4756

0.0000

246.8238,
242.5526, 273.2487

■ 30.5312, 27.9650,
32.6428

■ 30.5312, 27.9650,
32.6428

■ 27.6278, 23.3264,
28.0727

■ 33.8718, 33.3792,
37.6618

■ 25.1401, 19.4238,
23.9363

■ 37.6651, 39.5988,
43.1406

■ 23.0485, 16.2199,
20.2200

■ 41.9287, 46.6564,
49.0923

■ 21.3305, 13.6724,
16.9086

■ 46.6785, 54.5818,
55.5284

■ 19.9616, 11.7344,
13.9860

■ 51.9297, 63.4034,
62.4603

■ 18.9136, 10.3528,
11.4344

■ 57.6967, 73.1482,
69.8989

■ 18.1540, 9.4652,
9.2343

■ 63.9936, 83.8421,
77.8547

■ 17.6170, 8.9370,
7.3728

■ 65.7896, 85.4220,
84.6567

■ 67.1186, 85.9536,
91.6550

Harmonies

Analogous

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



29.5770, 27.9650, 38.2953



30.5312, 27.9650, 32.6428



30.3878, 27.9650, 27.0418

Triad

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



30.5312, 27.9650, 32.6428



25.3619, 27.9650, 21.1705



24.1264, 27.9650, 39.5018

Complementary

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



30.5312, 27.9650, 32.6428



30.0135, 35.8607, 35.9135

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.



23.1042, 27.9650, 34.1313



30.5312, 27.9650, 32.6428



23.7925, 27.9650, 23.7553

Square

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



30.5312, 27.9650, 32.6428



27.3352, 27.9650, 20.8775



22.9851, 27.9650, 28.3560



25.8386, 27.9650, 42.5734

Rectangle

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



30.5312, 27.9650, 32.6428



29.6906, 27.9650, 24.0623



22.9851, 27.9650, 28.3560



23.6944, 27.9650, 37.8765

Sweetspot

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



30.5320, 27.9663, 32.6434



63.2862, 64.0684, 71.2828



29.0959, 27.0346, 41.2212



13.7042, 13.8177, 15.4067



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.5320, 27.9663, 32.6434



52.3435, 46.3353, 54.8343



29.6395, 27.9918, 26.7640



7.6634, 7.5952, 8.5449



13.1558, 6.6711, 5.6322



0.3460, 0.1727, 0.2735

Inverse Universe

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



30.5320, 27.9663, 32.6434



52.3435, 46.3353, 54.8343



31.0278, 35.7637, 42.8042



7.6634, 7.5952, 8.5449



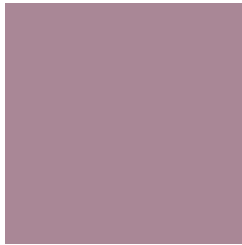
13.1558, 6.6711, 5.6322



0.3460, 0.1727, 0.2735

Previews

White Background



This preview shows how the XYZ color 30.5312, 27.9650, 32.6428 looks on a white background.

Color Contrast Check

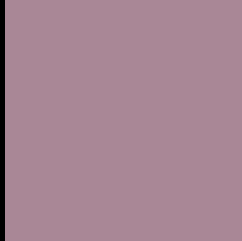
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5312, 27.9650, 32.6428 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 30.5312, 27.9650, 32.6428

Background



This preview shows how black text looks on a background with the XYZ color 30.5312, 27.9650, 32.6428.



This preview shows how white text looks on a background with the XYZ color 30.5312, 27.9650,

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

30.5312, 27.9650, 32.6428

Protanopia

27.3913, 28.2424, 35.0180

Deuteranopia

28.5132, 27.9940, 32.3343



Tritanopia

30.3547, 28.1187, 31.0217

Trichromacy



Original Color

30.5312, 27.9650, 32.6428

Protanomaly

28.4115, 28.1220, 34.0676

Deuteranomaly

29.2112, 27.9240, 32.2840

Tritanomaly

30.4328, 28.1499, 31.4333

Monochromacy



Original Color

30.5312, 27.9650, 32.6428

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6853, 28.7516, 32.0547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5312, 27.9650, 32.6428 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(169, 135, 150)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 150)  
}
```

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(169, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 150) }
```

Border

The CSS property to change the border of an element to XYZ 30.5312, 27.9650, 32.6428 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(169, 135, 150) }
```


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

```
.border{ border-color:rgb(169, 135, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5312, 27.9650, 32.6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 150) }
```

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

```
.background{ background-color: rgb(169,  
135, 150) }
```

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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