

Converting Colors

XYZ(33.1096, 28.0531, 44.6456)

Have a look what the booklet for
XYZ(33.1096, 28.0531, 44.6456)
contains.

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Color

**XYZ(33.0527, 27.9841,
44.7337)**

Conversions

Conversions Part 1

Format	Color
Hex	AD82B0
RGB	173, 130, 176
RGB Percent	68%, 51%, 69%
CMY	0.3216, 0.4902, 0.3098
CMYK	0.02, 0.26, 0.00, 0.31
HSL	296°, 23%, 60%
HSV	296°, 26%, 69%
XYZ	33.0527, 27.9841, 44.7337
YIQ	148.1010, 10.8620, 23.4220

Conversions

Conversions Part 2

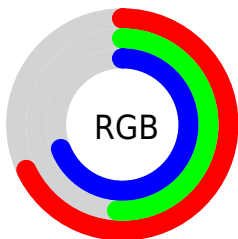
Format	Color
RYB	173, 130, 176
Decimal	11371184
CIELab	59.87, 24.56, -17.86
CIElCh	60, 30.372, 323.975
Yxy	27.9841, 0.3125, 0.2646
Android (android.graphics.Color)	4289561264 (0xFFAD82B0)
YUV	148.1010, 13.7542, 21.8364
Hunter-Lab	52.9000, 18.9544, -13.1073

Details

The XYZ color **33.0527, 27.9841, 44.7337** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **29.2284, 37.6496, 26.8471**, and the grayscale version is **28.1324, 29.5975, 32.2317**.

A 20% lighter version of the original color is **63.8121, 56.3512, 83.8575**, and **14.1895, 11.1605, 20.1452** is the 20% darker color. If you saturate the color by 10%, you get **30.6565, 23.5664, 44.0077**, and if you desaturate by 10%, it is **35.8532, 33.2062, 45.5945**.

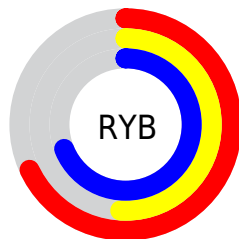
Distribution



Red (68%)

Green (51%)

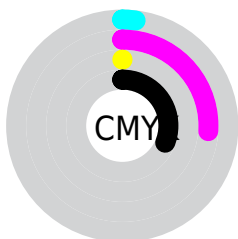
Blue (69%)



Red (68%)

Yellow (51%)

Blue (69%)

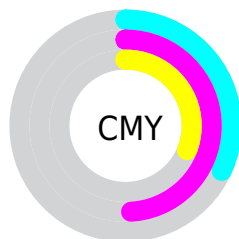


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (49%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0527, 27.9841, 44.7337 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 33.0527, 27.9841, 44.7337 by changing the saturation by 10% instead.

■ 33.0527, 27.9841,
44.7337

■ 33.0527, 27.9841,
44.7337

307.5479,
292.3909, 381.8226

■ 22.3262, 18.3137,
30.9063

■ 63.8119, 56.4591,
83.6349

■ 14.2148, 11.1754,
20.2696

■ 84.5754, 76.0324,
109.5457

■ 8.3529, 6.1850,
12.4052

■ 109.4153, 99.6754,
140.3215

■ 4.3753, 2.9579,
6.8944

138.6969,
127.7727, 176.3806

■ 1.9166, 1.1098,
3.3187

172.7856,
160.7084, 218.1418

■ 0.5864, 0.0000,
1.2596

212.0468,

■ 0.0000, 0.0000,

198.8671, 266.0235

0.0283

256.8458,
242.6332, 320.4442

■ 0.0000, 0.0000,
0.0000

■ 33.0527, 27.9841,
44.7337

■ 33.0527, 27.9841,
44.7337

■ 30.6565, 23.5664,
44.0077

■ 35.8532, 33.2062,
45.5945

■ 28.6417, 19.9087,
43.4079

■ 39.0744, 39.2669,
46.5945

■ 26.9869, 16.9678,
42.9275

■ 42.7348, 46.2029,
47.7404

■ 25.6677, 14.6949,
42.5583

■ 46.8512, 54.0475,
49.0376

■ 24.6565, 13.0349,
42.2912

■ 51.4394, 62.8324,
50.4914

■ 23.9216, 11.9241,
42.1155

■ 56.5145, 72.5878,
52.1069

■ 23.4206, 11.2781,
42.0172

■ 62.0908, 83.3424,
53.8889

■ 23.2547, 11.0830,
41.9883

■ 62.9312, 84.6220,
54.0916

■ 63.2038, 84.7625,
54.1043

Harmonies

Analogous

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



29.7243, 27.9841, 54.2662



33.0527, 27.9841, 44.7337



34.6691, 27.9841, 32.7521

Triad

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



33.0527, 27.9841, 44.7337



27.3834, 27.9841, 13.8624



20.3853, 27.9841, 39.9328

Complementary

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



33.0527, 27.9841, 44.7337



29.2284, 37.6496, 26.8471

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.



19.8883, 27.9841, 28.2963



33.0527, 27.9841, 44.7337



23.6991, 27.9841, 14.9011

Square

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



33.0527, 27.9841, 44.7337



31.1987, 27.9841, 16.3270



21.0437, 27.9841, 19.6149



22.4735, 27.9841, 51.0588

Rectangle

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



33.0527, 27.9841, 44.7337



34.4566, 27.9841, 25.6266



21.0437, 27.9841, 19.6149



20.0356, 27.9841, 35.8880

Sweetspot

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



33.0536, 27.9853, 44.7343



69.6329, 68.8868, 84.1217



25.4402, 24.6751, 44.4966



14.8974, 14.5649, 18.1705



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.



33.0536, 27.9853, 44.7343



57.5082, 46.2453, 80.3905



31.8944, 27.5991, 35.1292



8.7942, 8.6180, 10.7063



17.0814, 8.1416, 30.8082



0.5537, 0.2646, 0.9701

Inverse Universe

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



30.1217, 26.8901, 25.7943



51.3707, 43.9595, 40.4252



30.2319, 37.9971, 34.5679



8.5181, 8.5140, 8.9607



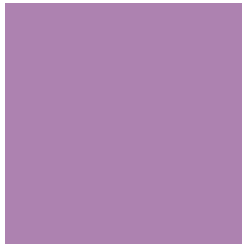
13.1915, 6.7942, 0.9026



0.4225, 0.2167, 0.0673

Previews

White Background



This preview shows how the XYZ color 33.0527, 27.9841, 44.7337 looks on a white background.

Color Contrast Check

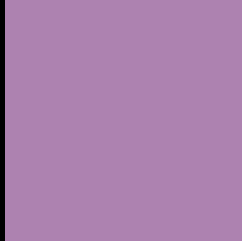
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0527, 27.9841, 44.7337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

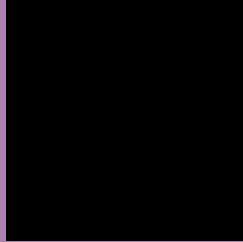
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0527, 27.9841, 44.7337

Background



This preview shows how black text looks on a background with the XYZ color 33.0527, 27.9841, 44.7337.



This preview shows how white text looks on a background with the XYZ color 33.0527, 27.9841,

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

33.0527, 27.9841, 44.7337

Protanopia

28.4109, 28.2160, 49.8478

Deuteranopia

28.6665, 28.0350, 43.9448



Tritanopia

30.3547, 28.1187, 31.0217

Trichromacy



Original Color

33.0527, 27.9841, 44.7337

Protanomaly

29.7447, 27.8503, 48.0639

Deuteranomaly

30.2011, 27.9550, 44.3615

Tritanomaly

31.1885, 28.0306, 35.6649

Monochromacy



Original Color

33.0527, 27.9841, 44.7337

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.6011, 28.6865, 36.3247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0527, 27.9841, 44.7337 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(173, 130, 176)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 176)  
}
```

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(173, 130, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 176) }
```

Border

The CSS property to change the border of an element to XYZ 33.0527, 27.9841, 44.7337 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(173, 130, 176) }
```


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

```
.border{ border-color:rgb(173, 130, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 176);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0527, 27.9841, 44.7337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 176) }
```

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

```
.background{ background-color: rgb(173,  
130, 176) }
```

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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