

Converting Colors

XYZ(26.7553, 17.2268, 37.8950)

Have a look what the booklet for
XYZ(26.7553, 17.2268, 37.8950)
contains.

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Color

**XYZ(26.7649, 17.2612,
37.9975)**

Conversions

Conversions Part 1

Format	Color
Hex	AC50A6
RGB	172, 80, 166
RGB Percent	67%, 31%, 65%
CMY	0.3255, 0.6863, 0.3490
CMYK	0.00, 0.53, 0.03, 0.33
HSL	304°, 37%, 49%
HSV	304°, 53%, 67%
XYZ	26.7649, 17.2612, 37.9975
YIQ	117.3120, 27.2260, 46.2500

Conversions

Conversions Part 2

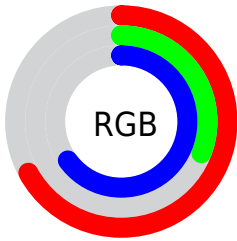
Format	Color
R_{YB}	172, 80, 166
Decimal	11292838
CIE _{Lab}	48.59, 49.33, -29.45
CIE _{LCh}	49, 57.455, 329.164
Yxy	17.2612, 0.3263, 0.2104
Android (android.graphics.Color)	4289482918 (0xFFAC50A6)
YUV	117.3120, 24.0032, 47.9614
Hunter-Lab	41.5466, 42.2856, -25.1426

Details

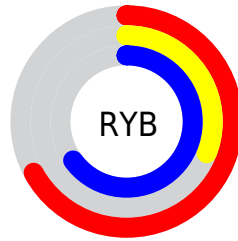
The XYZ color **26.7649, 17.2612, 37.9975** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **19.7413, 31.8831, 13.9188**, and the grayscale version is **16.9279, 17.8094, 19.3945**.

A 20% lighter version of the original color is **53.7518, 38.6535, 73.0345**, and **10.7210, 5.6921, 16.4532** is the 20% darker color. If you saturate the color by 10%, you get **25.5607, 15.0164, 37.0907**, and if you desaturate by 10%, it is **28.2935, 20.1526, 39.0172**.

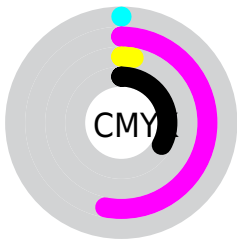
Distribution



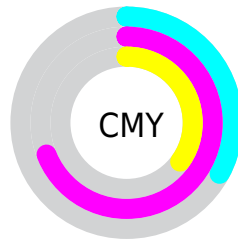
- Red (67%)
- Green (31%)
- Blue (65%)



- Red (67%)
- Yellow (31%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (3%)
- Black (33%)





- Cyan (33%)
- Magenta (69%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.7649, 17.2612, 37.9975 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 26.7649, 17.2612, 37.9975 by changing the saturation by 10% instead.


 26.7649, 17.2612,
37.9975


 26.7649, 17.2612,
37.9975


278.7054,
236.6731, 352.9071


 17.5324, 10.4209,
25.6789


 53.9289, 38.7743,
73.3077


 10.7125, 5.6789,
16.3600


 72.5912, 54.2159,
97.1364


 5.9397, 2.6508,
9.6221


 95.1274, 73.2934,
125.6389

 2.8488, 0.9523,
5.0468

 121.9029, 96.3912,
159.2337

 1.0743, 0.0000,
2.2156

 153.2831,
123.8937, 198.3394

 0.0034, 0.0000,
0.6833

189.6334,

 0.0000, 0.0000,

156.1852, 243.3745

0.0000

231.3190,
193.6503, 294.7576

■ 26.7649, 17.2612,
37.9975

■ 26.7649, 17.2612,
37.9975

■ 25.5607, 15.0164,
37.0907

■ 28.2935, 20.1526,
39.0172

■ 24.6540, 13.3656,
36.2873

■ 30.1673, 23.7332,
40.1562

■ 24.0166, 12.2519,
35.5781

■ 32.4072, 28.0447,
41.4218

■ 23.6139, 11.6062,
34.9515

■ 35.0321, 33.1249,
42.8201

■ 23.4273, 11.3363,
34.5709

■ 38.0597, 39.0087,
44.3571

■ 41.5063, 45.7293,
46.0383

■ 45.3876, 53.3177,
47.8689

■ 49.7182, 61.8035,
49.8538

■ 54.5124, 71.2147,
51.9977

Harmonies

Analogous

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



21.8707, 17.2612, 57.3618



26.7649, 17.2612, 37.9975



28.8030, 17.2612, 19.2223

Triad

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



26.7649, 17.2612, 37.9975



16.5550, 17.2612, 2.1323



9.0387, 17.2612, 36.8338

Complementary

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



26.7649, 17.2612, 37.9975



19.7413, 31.8831, 13.9188

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.



8.2013, 17.2612, 18.3731



26.7649, 17.2612, 37.9975



11.9374, 17.2612, 3.1177

Square

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



26.7649, 17.2612, 37.9975



22.1832, 17.2612, 3.2476



9.1387, 17.2612, 7.4789



11.7309, 17.2612, 56.4730

Rectangle

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



26.7649, 17.2612, 37.9975



27.9931, 17.2612, 10.7709



9.1387, 17.2612, 7.4789



8.5603, 17.2612, 30.0529

Sweetspot

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



26.7655, 17.2620, 37.9979



62.1466, 57.3671, 76.9456



14.0260, 10.6294, 40.3427



13.2973, 12.0634, 16.6116



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.



26.7655, 17.2620, 37.9979



46.0609, 26.6721, 67.0324



23.3585, 15.8992, 20.0568



8.3142, 8.1389, 9.9653



17.4414, 8.4391, 25.7674



0.4918, 0.2374, 0.7516

Inverse Universe

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



26.7655, 17.2620, 37.9979



46.0609, 26.6721, 67.0324



22.1313, 32.8391, 26.5040



8.3142, 8.1389, 9.9653



17.4414, 8.4391, 25.7674



0.4918, 0.2374, 0.7516

Previews

White Background



This preview shows how the XYZ color 26.7649, 17.2612, 37.9975 looks on a white background.

Color Contrast Check

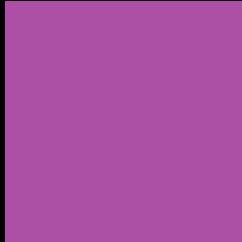
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.7649, 17.2612, 37.9975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

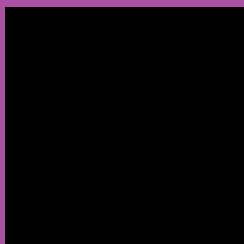
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7649, 17.2612, 37.9975

Background



This preview shows how black text looks on a background with the XYZ color 26.7649, 17.2612, 37.9975.



This preview shows how white text looks on a background with the XYZ color 26.7649, 17.2612,

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

26.7649, 17.2612, 37.9975

Protanopia

19.1224, 17.4991, 53.4087

Deuteranopia

17.8420, 17.3975, 35.6754



Tritanopia

22.1481, 17.3443, 15.0124

Trichromacy



Original Color

26.7649, 17.2612, 37.9975

Protanomaly

20.3756, 16.4129, 47.4415

Deuteranomaly

20.0254, 16.6234, 36.3356

Tritanomaly

23.5705, 17.1435, 21.8054

Monochromacy



Original Color

26.7649, 17.2612, 37.9975

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.6400, 16.9683, 25.1617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7649, 17.2612, 37.9975 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, 80, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 80, 166)  
}
```

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, 80, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 80, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.7649, 17.2612, 37.9975 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, 80, 166) }
```


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

```
.border{ border-color:rgb(172, 80, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 80, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 80, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 80, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 80,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7649, 17.2612, 37.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 80, 166) }
```

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

```
.background{ background-color: rgb(172, 80,  
166) }
```

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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