

Converting Colors

XYZ(29.8013, 24.7621, 37.3476)

Have a look what the booklet for
XYZ(29.8013, 24.7621, 37.3476)
contains.

XYZ(29.7211, 24.7184, 37.3871)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.7211, 24.7184,
37.3871)**

Conversions

Conversions Part 1

Format	Color
Hex	A979A2
RGB	169, 121, 162
RGB Percent	66%, 47%, 64%
CMY	0.3373, 0.5255, 0.3647
CMYK	0.00, 0.28, 0.04, 0.34
HSL	309°, 22%, 57%
HSV	309°, 28%, 66%
XYZ	29.7211, 24.7184, 37.3871
YIQ	140.0260, 15.4470, 22.9270

Conversions

Conversions Part 2

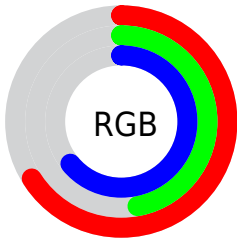
Format	Color
R_{YB}	169, 121, 162
Decimal	11106722
CIE _{Lab}	56.80, 25.58, -14.53
CIE _{LCh}	57, 29.421, 330.398
Yxy	24.7184, 0.3237, 0.2692
Android (android.graphics.Color)	4289296802 (0xFFA979A2)
YUV	140.0260, 10.8332, 25.4102
Hunter-Lab	49.7176, 19.7012, -9.7831

Details

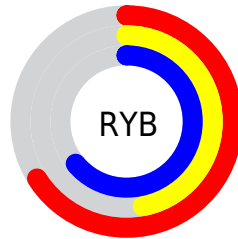
The XYZ color **29.7211, 24.7184, 37.3871** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.9704, 34.0000, 25.6173**, and the grayscale version is **24.8930, 26.1894, 28.5203**.

A 20% lighter version of the original color is **58.7118, 51.2894, 72.4510**, and **12.3343, 9.4735, 15.9303** is the 20% darker color. If you saturate the color by 10%, you get **27.6278, 20.8785, 35.6191**, and if you desaturate by 10%, it is **32.1800, 29.2817, 39.2987**.

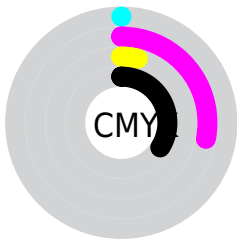
Distribution



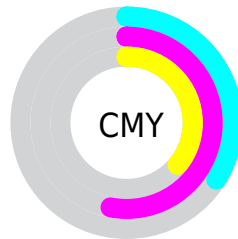
- Red (66%)
- Green (47%)
- Blue (64%)



- Red (66%)
- Yellow (47%)
- Blue (64%)



- Cyan (0%)
- Magenta (28%)
- Yellow (4%)
- Black (34%)



- Cyan (34%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7211, 24.7184, 37.3871 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 29.7211, 24.7184, 37.3871 by changing the saturation by 10% instead.

■ 29.7211, 24.7184,
37.3871

■ 29.7211, 24.7184,
37.3871

292.5355,
276.4326, 350.2025

■ 19.7740, 15.8674,
25.2092

■ 58.6105, 51.2000,
72.3607

■ 12.3382, 9.4304,
16.0126

■ 78.2835, 69.5994,
95.9935

■ 7.0483, 5.0229,
9.3786

■ 101.9292, 91.9504,
124.2817

■ 3.5389, 2.2607,
4.8888

129.9130,
118.6373, 157.6438

■ 1.4447, 0.7528,
2.1245

162.6001,
150.0446, 196.4984

■ 0.2878, 0.0000,
0.6303

200.3560,

■ 0.0000, 0.0000,

186.5567, 241.2640

0.0000

243.5460,
228.5579, 292.3592

■ 29.7211, 24.7184,
37.3871

■ 29.7211, 24.7184,
37.3871

■ 27.6278, 20.8785,
35.6191

■ 32.1800, 29.2817,
39.2987

■ 25.8790, 17.7213,
33.9868

■ 35.0197, 34.6001,
41.3582

■ 24.4550, 15.2069,
32.4837

■ 38.2572, 40.7071,
43.5717

■ 23.3330, 13.2899,
31.1022

■ 41.9079, 47.6335,
45.9445

■ 22.4876, 11.9192,
29.8335

■ 45.9862, 55.4081,
48.4815

■ 21.8887, 11.0348,
28.6675

■ 50.5060, 64.0587,
51.1875

■ 21.4831, 10.5303,
27.5865

■ 55.4805, 73.6115,
54.0669

■ 21.4234, 10.4595,
27.4172

■ 60.5368, 83.3209,
56.9955

■ 60.7933, 83.4235,
58.3464

Harmonies

Analogous

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



26.9992, 24.7184, 46.7610



29.7211, 24.7184, 37.3871



30.7412, 24.7184, 26.7827

Triad

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



29.7211, 24.7184, 37.3871



23.4482, 24.7184, 12.0781



18.2427, 24.7184, 37.6716

Complementary

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



29.7211, 24.7184, 37.3871



25.9704, 34.0000, 25.6173

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.



17.4861, 24.7184, 27.0460



29.7211, 24.7184, 37.3871



20.3063, 24.7184, 13.6679

Square

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



29.7211, 24.7184, 37.3871



26.9119, 24.7184, 13.5843



18.2039, 24.7184, 18.6061



20.3786, 24.7184, 46.9514

Rectangle

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



29.7211, 24.7184, 37.3871



30.2483, 24.7184, 20.8418



18.2039, 24.7184, 18.6061



17.8285, 24.7184, 34.0643

Sweetspot

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



29.7219, 24.7195, 37.3876



62.3062, 61.1928, 73.7793



22.8120, 21.0834, 40.4036



13.4172, 13.0315, 15.9651



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.



29.7219, 24.7195, 37.3876



50.8268, 39.8525, 64.9630



27.8314, 23.9633, 27.4327



7.7942, 7.6475, 9.2333



15.9819, 7.8015, 20.5140



0.4012, 0.1948, 0.5644

Inverse Universe

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



29.7219, 24.7195, 37.3876



50.8268, 39.8525, 64.9630



27.6924, 34.6889, 34.6857



7.7942, 7.6475, 9.2333



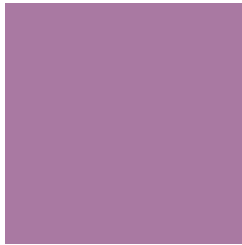
15.9819, 7.8015, 20.5140



0.4012, 0.1948, 0.5644

Previews

White Background



This preview shows how the XYZ color 29.7211, 24.7184, 37.3871 looks on a white background.

Color Contrast Check

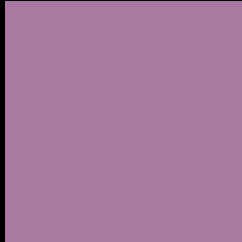
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7211, 24.7184, 37.3871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

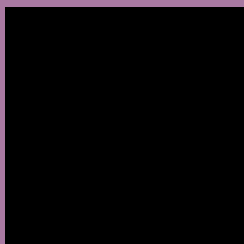
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7211, 24.7184, 37.3871

Background



This preview shows how black text looks on a background with the XYZ color 29.7211, 24.7184, 37.3871.



This preview shows how white text looks on a background with the XYZ color 29.7211, 24.7184,

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

29.7211, 24.7184, 37.3871

Protanopia

25.0125, 24.8957, 42.5168

Deuteranopia

25.3802, 24.8021, 36.7073



Tritanopia

27.6307, 24.8063, 26.6243

Trichromacy



Original Color

29.7211, 24.7184, 37.3871

Protanomaly

26.3782, 24.6321, 40.4100

Deuteranomaly

26.8610, 24.7578, 37.0812

Tritanomaly

28.2548, 24.6751, 30.0616

Monochromacy



Original Color

29.7211, 24.7184, 37.3871

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.4953, 25.4925, 31.5411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7211, 24.7184, 37.3871 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, 121, 162)` looks like.

```
.text, #text, p{  
    color:rgb(169, 121, 162)  
}
```

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, 121, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 121, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.7211, 24.7184, 37.3871 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, 121, 162) }
```


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

```
.border{ border-color:rgb(169, 121, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 121, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 121, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 121, 162);  
box-shadow:4px 4px 4px 4px rgb(169, 121,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7211, 24.7184, 37.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 121, 162) }
```

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

```
.background{ background-color: rgb(169,  
121, 162) }
```

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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