

Converting Colors

XYZ(32.4218, 29.1346, 46.9136)

Have a look what the booklet for
XYZ(32.4218, 29.1346, 46.9136)
contains.

XYZ(32.4937, 29.0791, 47.0802)	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(32.4937, 29.0791,
47.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	A489B4
RGB	164, 137, 180
RGB Percent	64%, 54%, 71%
CMY	0.3569, 0.4627, 0.2941
CMYK	0.09, 0.24, 0.00, 0.29
HSL	278°, 22%, 62%
HSV	278°, 24%, 71%
XYZ	32.4937, 29.0791, 47.0802
YIQ	149.9750, 2.2890, 19.0970

Conversions

Conversions Part 2

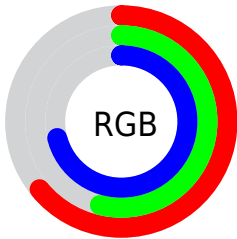
Format	Color
RYB	164, 137, 180
Decimal	10783156
CIELab	60.85, 18.36, -18.73
CIELCh	61, 26.230, 314.421
Yxy	29.0791, 0.2991, 0.2676
Android (android.graphics.Color)	4288973236 (0xFFA489B4)
YUV	149.9750, 14.8023, 12.2999
Hunter-Lab	53.9250, 13.1902, -14.0166

Details

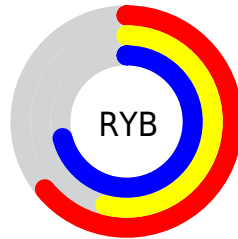
The XYZ color **32.4937, 29.0791, 47.0802** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **33.9744, 41.2217, 29.8342**, and the grayscale version is **28.9181, 30.4241, 33.1318**.

A 20% lighter version of the original color is **62.9845, 58.3778, 87.3053**, and **13.9211, 11.7934, 21.6213** is the 20% darker color. If you saturate the color by 10%, you get **28.7995, 23.6885, 46.2349**, and if you desaturate by 10%, it is **36.6894, 35.3634, 48.0725**.

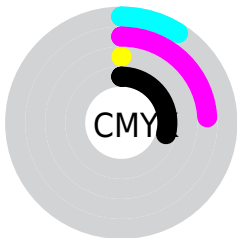
Distribution



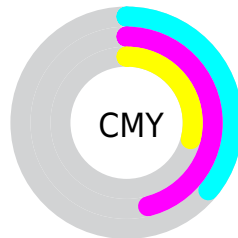
- Red (64%)
- Green (54%)
- Blue (71%)



- Red (64%)
- Yellow (54%)
- Blue (71%)



- Cyan (9%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4937, 29.0791, 47.0802 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 32.4937, 29.0791, 47.0802 by changing the saturation by 10% instead.

■ 32.4937, 29.0791,
47.0802

■ 32.4937, 29.0791,
47.0802

305.0676,
297.5880, 391.5376

■ 21.8962, 19.1407,
32.7443

■ 62.9442, 58.2027,
87.1846

■ 13.8969, 11.7720,
21.6611

■ 83.5280, 78.1567,
113.7901

■ 8.1302, 6.5886,
13.4122

■ 108.1713,
102.2180, 145.3225

■ 4.2309, 3.2062,
7.5789

137.2395,
130.7710, 182.2004

■ 1.8336, 1.2403,
3.7428

171.0978,
164.2001, 224.8423

■ 0.5378, 0.0943,
1.4853

210.1117,

■ 0.0000, 0.0000,

202.8897, 273.6668

0.2070

254.6465,
247.2242, 329.0924

■ 0.0000, 0.0000,
0.0000

■ 32.4937, 29.0791,
47.0802

■ 32.4937, 29.0791,
47.0802

■ 28.7995, 23.6885,
46.2349

■ 36.6894, 35.3634,
48.0725

■ 25.5818, 19.1450,
45.5275

■ 41.4047, 42.5777,
49.2165

■ 22.8173, 15.4034,
44.9510

■ 46.6599, 50.7607,
50.5190

■ 20.4798, 12.4124,
44.4969

■ 52.4735, 59.9477,
51.9858

■ 18.5396, 10.1150,
44.1557

■ 58.8631, 70.1723,
53.6226

■ 16.9631, 8.4455,
43.9165

■ 65.8455, 81.4666,
55.4346

■ 15.7098, 7.3247,
43.7662

■ 70.8297, 88.6474,
56.5580

■ 15.0512, 6.8075,
43.7011

■ 72.7876, 89.6567,
56.6496

■ 74.8263, 90.7077,
56.7450

Harmonies

Analogous

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



29.3064, 29.0791, 53.5879



32.4937, 29.0791, 47.0802



34.4579, 29.0791, 36.9854

Triad

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



32.4937, 29.0791, 47.0802



29.4399, 29.0791, 16.7838



21.7552, 29.0791, 36.5799

Complementary

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



32.4937, 29.0791, 47.0802



33.9744, 41.2217, 29.8342

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.



21.7845, 29.0791, 26.8760



32.4937, 29.0791, 47.0802



26.0357, 29.0791, 16.7195

Square

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



32.4937, 29.0791, 47.0802



32.5983, 29.0791, 20.2404



23.2933, 29.0791, 20.0417



23.2097, 29.0791, 46.7311

Rectangle

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



32.4937, 29.0791, 47.0802



34.7153, 29.0791, 30.2347



23.2933, 29.0791, 20.0417



21.5959, 29.0791, 33.1340

Sweetspot

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



32.4946, 29.0803, 47.0808



72.2056, 72.7844, 88.5378



30.0263, 31.5558, 47.6888



15.4968, 15.5634, 19.1095



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.4946, 29.0803, 47.0808



55.0521, 47.0506, 84.4747



35.5051, 30.6903, 44.6019



8.5374, 8.4856, 10.6942



10.5809, 4.7904, 30.5040



0.3948, 0.1826, 0.9627

Inverse Universe

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



33.5187, 29.8957, 34.1421



57.3697, 48.8734, 56.2102



31.5225, 39.9151, 31.6420



8.6228, 8.5558, 9.5120



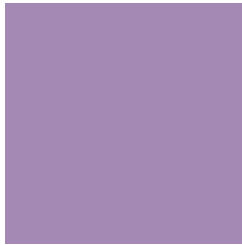
13.8737, 7.0670, 4.4948



0.4653, 0.2339, 0.2931

Previews

White Background



This preview shows how the XYZ color 32.4937, 29.0791, 47.0802 looks on a white background.

Color Contrast Check

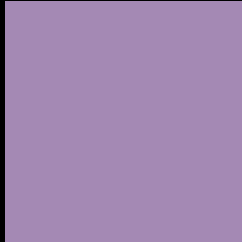
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4937, 29.0791, 47.0802 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 32.4937, 29.0791, 47.0802

Background



This preview shows how black text looks on a background with the XYZ color 32.4937, 29.0791, 47.0802.



This preview shows how white text looks on a background with the XYZ color 32.4937, 29.0791,

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

32.4937, 29.0791, 47.0802

Protanopia

29.3049, 29.1143, 50.5295

Deuteranopia

29.7870, 29.2209, 46.7181



Tritanopia

29.9200, 29.1195, 34.1807

Trichromacy



Original Color

32.4937, 29.0791, 47.0802

Protanomaly

30.3574, 29.0097, 49.3468

Deuteranomaly

30.6105, 28.9798, 46.6281

Tritanomaly

30.6869, 28.9776, 38.6262

Monochromacy



Original Color

32.4937, 29.0791, 47.0802

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.0760, 29.7926, 37.8836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4937, 29.0791, 47.0802 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(164, 137, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 137, 180)  
}
```

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(164, 137, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 137, 180) }
```

Border

The CSS property to change the border of an element to XYZ 32.4937, 29.0791, 47.0802 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(164, 137, 180) }
```


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

```
.border{ border-color:rgb(164, 137, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 137, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 137, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 137, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 137,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4937, 29.0791, 47.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 137, 180) }
```

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

```
.background{ background-color: rgb(164,  
137, 180) }
```

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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