

Converting Colors

XYZ(49.2081, 37.3954, 26.0315)

Have a look what the booklet for
XYZ(49.2081, 37.3954, 26.0315)
contains.

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Color

**XYZ(49.1022, 37.2910,
26.0826)**

Conversions

Conversions Part 1

Format	Color
Hex	F28583
RGB	242, 133, 131
RGB Percent	95%, 52%, 51%
CMY	0.0510, 0.4784, 0.4863
CMYK	0.00, 0.45, 0.46, 0.05
HSL	1°, 81%, 73%
HSV	1°, 46%, 95%
XYZ	49.1022, 37.2910, 26.0826
YIQ	165.3630, 65.6060, 22.4860

Conversions

Conversions Part 2

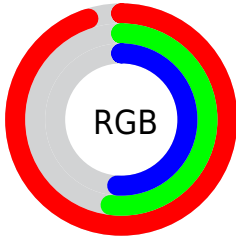
Format	Color
R _Y B	242, 133, 131
Decimal	15893891
CIE Lab	67.49, 41.31, 19.75
CIE LCh	67, 45.782, 25.549
Yxy	37.2910, 0.4366, 0.3315
Android (android.graphics.Color)	4294083971 (0xFFFF28583)
YUV	165.3630, -16.9410, 67.2106
Hunter-Lab	61.0664, 36.6620, 17.4226

Details

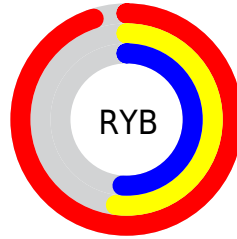
The XYZ color **49.1022, 37.2910, 26.0826** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.5454, 73.5526, 95.2210**, and the grayscale version is **35.9963, 37.8709, 41.2414**.

A 20% lighter version of the original color is **67.8749, 60.6871, 53.4838**, and **23.7568, 16.4391, 9.9036** is the 20% darker color. If you saturate the color by 10%, you get **44.7560, 30.9241, 17.4651**, and if you desaturate by 10%, it is **54.5692, 45.2866, 36.9640**.

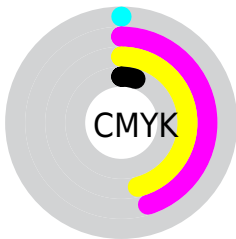
Distribution



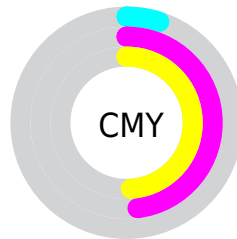
- Red (95%)
- Green (52%)
- Blue (51%)



- Red (95%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (46%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1022, 37.2910, 26.0826 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 49.1022, 37.2910, 26.0826 by changing the saturation by 10% instead.


 49.1022, 37.2910,
26.0826


 49.1022, 37.2910,
26.0826


373.6548,
334.5687, 296.8057


 34.9154, 25.4329,
16.6591


 88.0430, 71.0201,
54.3939

 23.7639, 16.3999,
9.8324

 113.5278, 93.6599,
74.1188

 15.2824, 9.8075,
5.1838


 143.5093,
120.6624, 98.1146

 9.1054, 5.2715,
2.2949

178.3528,
152.4119, 126.7998

 4.8677, 2.4075,
0.7284

218.4238,
189.2929, 160.5930

 2.2038, 0.8297,
0.0000

264.0876,

 0.7447, 0.0000,

231.6898, 199.9126

0.0000

315.7094,
279.9869, 245.1774

■ 0.0000, 0.0000,
0.0000

■ 49.1022, 37.2910,
26.0826

■ 49.1022, 37.2910,
26.0826

■ 44.7560, 30.9241,
17.4651

■ 54.5692, 45.2866,
36.9640

■ 41.4504, 26.0687,
10.9502

■ 61.2241, 55.0060,
50.2511

■ 39.0992, 22.6016,
6.3585

■ 69.1321, 66.5437,
66.0766

■ 37.6012, 20.3773,
3.4800

■ 78.3530, 79.9860,
84.5631

■ 36.8323, 19.2184,
2.0554

■ 88.9426, 95.4133,
105.8250

■ 36.6653, 18.9721,
1.7295

■ 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



50.7126, 37.2910, 43.6845



49.1022, 37.2910, 26.0826



43.6598, 37.2910, 16.3038

Triad

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



49.1022, 37.2910, 26.0826



25.4189, 37.2910, 22.3950



34.4046, 37.2910, 92.7665

Complementary

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



49.1022, 37.2910, 26.0826



56.5454, 73.5526, 95.2210

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.



28.3294, 37.2910, 81.6586



49.1022, 37.2910, 26.0826



23.5962, 37.2910, 37.6710

Square

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



49.1022, 37.2910, 26.0826



29.9243, 37.2910, 14.7217



24.5871, 37.2910, 59.7079



41.6038, 37.2910, 86.5425

Rectangle

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



49.1022, 37.2910, 26.0826



38.9278, 37.2910, 13.4568



24.5871, 37.2910, 59.7079



32.1745, 37.2910, 90.8564

Sweetspot

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



49.1031, 37.2929, 26.0833



79.6446, 77.5479, 77.9956



60.4847, 41.4102, 87.3598



16.5959, 15.9403, 15.7901



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



49.1031, 37.2929, 26.0833



50.7147, 35.2811, 20.2813



58.7728, 56.6322, 29.3065



15.7957, 15.8045, 16.3678



19.7075, 10.2130, 0.9326



1.6475, 0.8656, 0.0803

Inverse Universe

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



56.5454, 73.5526, 95.2210



60.0441, 80.7613, 107.0316



42.6631, 45.7880, 90.5936



16.2215, 17.8770, 20.3173



24.9880, 36.2003, 50.7982



2.0865, 3.0271, 4.2285

Previews

White Background



This preview shows how the XYZ color 49.1022, 37.2910, 26.0826 looks on a white background.

Color Contrast Check

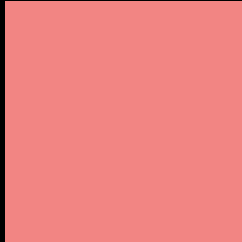
Large Text (above 18pt) WCAG AA × Fail

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 49.1022, 37.2910, 26.0826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

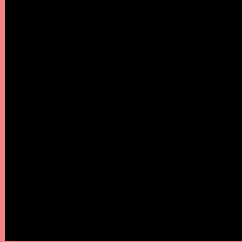
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1022, 37.2910, 26.0826

Background



This preview shows how black text looks on a background with the XYZ color 49.1022, 37.2910, 26.0826.



This preview shows how white text looks on a background with the XYZ color 49.1022, 37.2910,

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

49.1022, 37.2910, 26.0826

Protanopia

35.4770, 37.3969, 32.5426

Deuteranopia

38.0499, 37.3235, 25.2774



Tritanopia

49.8862, 37.2104, 29.7523

Trichromacy



Original Color

49.1022, 37.2910, 26.0826

Protanomaly

39.2249, 36.5759, 30.1918

Deuteranomaly

41.5077, 36.9023, 25.3572

Tritanomaly

49.7288, 37.3634, 28.2578

Monochromacy



Original Color

49.1022, 37.2910, 26.0826

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.1333, 36.4198, 35.1042

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1022, 37.2910, 26.0826 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(242, 133, 131)` looks like.

```
.text, #text, p{  
    color:rgb(242, 133, 131)  
}
```

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(242, 133, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 133, 131) }
```

Border

The CSS property to change the border of an element to XYZ 49.1022, 37.2910, 26.0826 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(242, 133, 131) }
```


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

```
.border{ border-color:rgb(242, 133, 131) }
```

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

Here you see how a box with a 4 pixel rgb(242, 133, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 133, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 133, 131);  
box-shadow:4px 4px 4px 4px rgb(242, 133,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1022, 37.2910, 26.0826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 133, 131) }
```

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

```
.background{ background-color: rgb(242,  
133, 131) }
```

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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