

Converting Colors

XYZ(52.3333, 42.9773, 29.3045)

Have a look what the booklet for
XYZ(52.3333, 42.9773, 29.3045)
contains.

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Color

**XYZ(52.1999, 42.8166,
29.1801)**

Conversions

Conversions Part 1

Format	Color
Hex	F29789
RGB	242, 151, 137
RGB Percent	95%, 59%, 54%
CMY	0.0510, 0.4078, 0.4627
CMYK	0.00, 0.38, 0.43, 0.05
HSL	8°, 80%, 74%
HSV	8°, 43%, 95%
XYZ	52.1999, 42.8166, 29.1801
YIQ	176.6130, 58.7300, 14.9380

Conversions

Conversions Part 2

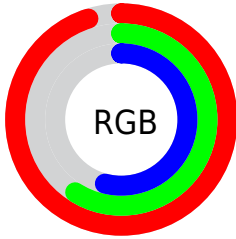
Format	Color
RYB	242, 153, 137
Decimal	15898505
CIELab	71.43, 32.61, 21.80
CIElCh	71, 39.222, 33.761
Yxy	42.8166, 0.4203, 0.3447
Android (android.graphics.Color)	4294088585 (0xFFFF29789)
YUV	176.6130, -19.5292, 57.3444
Hunter-Lab	65.4344, 27.8871, 19.3640

Details

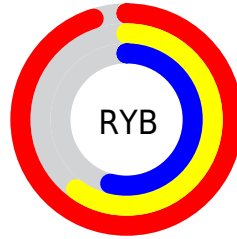
The XYZ color **52.1999, 42.8166, 29.1801** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.0856, 67.2130, 94.1270**, and the grayscale version is **41.6656, 43.8355, 47.7368**.

A 20% lighter version of the original color is **72.6056, 69.1203, 58.2300**, and **25.7106, 19.6791, 11.4602** is the 20% darker color. If you saturate the color by 10%, you get **47.5746, 36.0395, 20.0130**, and if you desaturate by 10%, it is **57.8171, 50.9544, 40.5992**.

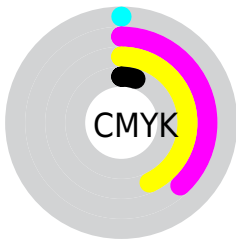
Distribution



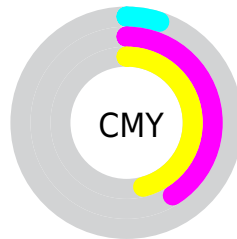
- Red (95%)
- Green (59%)
- Blue (54%)



- Red (95%)
- Yellow (60%)
- Blue (54%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (5%)





- Cyan (5%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1999, 42.8166, 29.1801 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 52.1999, 42.8166, 29.1801 by changing the saturation by 10% instead.

 52.1999, 42.8166,
29.1801

 52.1999, 42.8166,
29.1801


385.5191,
357.8570, 312.1513


 37.3894, 29.7412,
18.9704

 92.5985, 79.4340,
59.4087

 25.6841, 19.6423,
11.4723


 118.9172,
103.7449, 80.2646

 16.7189, 12.1353,
6.2673

 149.8027,
132.5697, 105.5064

 10.1284, 6.8359,
2.9369

185.6203,
166.2929, 135.5525

 5.5471, 3.3597,
1.0625

226.7354,
205.2988, 170.8215

 2.6097, 1.3223,
0.0000

273.5133,

 0.9509, 0.1583,

249.9719, 211.7319

0.0000

326.3195,
300.6965, 258.7023

■ 0.0000, 0.0000,
0.0000

■ 52.1999, 42.8166,
29.1801

■ 52.1999, 42.8166,
29.1801

■ 47.5746, 36.0395,
20.0130

■ 57.8171, 50.9544,
40.5992

■ 43.8797, 30.5424,
12.9462

■ 64.4763, 60.5151,
54.4036

■ 41.0519, 26.2463,
7.8129

■ 72.2281, 71.5645,
70.7191

■ 39.0185, 23.0602,
4.4200

■ 81.1188, 84.1627,
89.6618

■ 37.6941, 20.8801,
2.5338

■ 90.4279, 97.6172,
108.6837

■ 37.1419, 19.9253,
1.8884

Harmonies

Analogous

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



54.7373, 42.8166, 44.2735



52.1999, 42.8166, 29.1801



46.5761, 42.8166, 21.0046

Triad

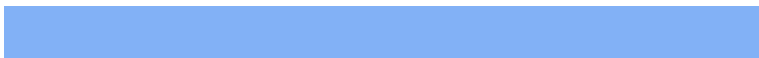
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1999, 42.8166, 29.1801



30.3296, 42.8166, 32.3111



41.5351, 42.8166, 93.1753

Complementary

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



52.1999, 42.8166, 29.1801



54.0856, 67.2130, 94.1270

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.



35.3327, 42.8166, 87.4707



52.1999, 42.8166, 29.1801



29.2880, 42.8166, 49.0480

Square

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



52.1999, 42.8166, 29.1801



34.0351, 42.8166, 22.4389



31.0199, 42.8166, 69.9082



48.1735, 42.8166, 83.8895

Rectangle

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



52.1999, 42.8166, 29.1801



42.0924, 42.8166, 18.9952



31.0199, 42.8166, 69.9082



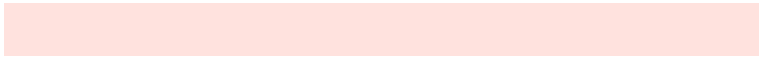
39.3306, 42.8166, 92.9579

Sweetspot

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



52.2010, 42.8187, 29.1809



81.6750, 81.0665, 80.3445



59.5673, 42.3703, 78.4375



17.0428, 16.7274, 16.2680



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.



52.2010, 42.8187, 29.1809



54.1685, 41.4567, 23.6895



62.6076, 63.6319, 32.6498



15.9428, 16.0987, 16.4168



20.0083, 10.8147, 1.0329



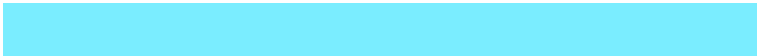
1.7177, 1.0061, 0.1037

Inverse Universe

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



54.0856, 67.2130, 94.1270



56.5077, 72.1366, 105.5532



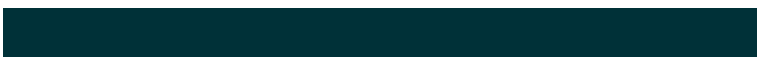
41.7713, 42.5845, 90.0223



16.0571, 17.5483, 20.2625



21.0269, 28.2781, 49.4779



1.7986, 2.4512, 4.1326

Previews

White Background



This preview shows how the XYZ color 52.1999, 42.8166, 29.1801 looks on a white background.

Color Contrast Check

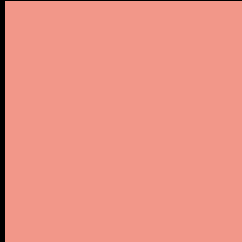
Large Text (above 18pt) WCAG AA × Fail

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 52.1999, 42.8166, 29.1801 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 52.1999, 42.8166, 29.1801

Background



This preview shows how black text looks on a background with the XYZ color 52.1999, 42.8166, 29.1801.



This preview shows how white text looks on a background with the XYZ color 52.1999, 42.8166,

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

52.1999, 42.8166, 29.1801

Protanopia

40.6829, 43.1124, 34.1943

Deuteranopia

43.7593, 42.8483, 28.5184



Tritanopia

54.1561, 42.9161, 38.2302

Trichromacy



Original Color

52.1999, 42.8166, 29.1801

Protanomaly

44.1239, 42.4079, 32.2455

Deuteranomaly

46.5069, 42.6500, 28.7028

Tritanomaly

53.2955, 42.7839, 34.7273

Monochromacy



Original Color

52.1999, 42.8166, 29.1801

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

44.6116, 43.0314, 40.1370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1999, 42.8166, 29.1801 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, 151, 137)` looks like.

```
.text, #text, p{  
    color:rgb(242, 151, 137)  
}
```

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, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 151, 137) }
```

Border

The CSS property to change the border of an element to XYZ 52.1999, 42.8166, 29.1801 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, 151, 137) }
```


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

```
.border{ border-color:rgb(242, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(242, 151,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1999, 42.8166, 29.1801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 151, 137) }
```

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

```
.background{ background-color: rgb(242,  
151, 137) }
```

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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