

Converting Colors

XYZ(52.8896, 37.0730, 42.9009)

Have a look what the booklet for
XYZ(52.8896, 37.0730, 42.9009)
contains.

XYZ(52.9161, 37.1297, 42.9058)	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(52.9161, 37.1297,
42.9058)**

Conversions

Conversions Part 1

Format	Color
Hex	F77CAB
RGB	247, 124, 171
RGB Percent	97%, 49%, 67%
CMY	0.0314, 0.5137, 0.3294
CMYK	0.00, 0.50, 0.31, 0.03
HSL	337°, 88%, 73%
HSV	337°, 50%, 97%
XYZ	52.9161, 37.1297, 42.9058
YIQ	166.1350, 58.2210, 40.6930

Conversions

Conversions Part 2

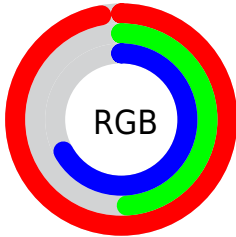
Format	Color
R_{YB}	247, 124, 171
Decimal	16219307
CIE Lab	67.37, 51.95, -2.88
CIE LCh	67, 52.034, 356.828
Yxy	37.1297, 0.3980, 0.2793
Android (android.graphics.Color)	4294409387 (0xFFFF77CAB)
YUV	166.1350, 2.3984, 70.9186
Hunter-Lab	60.9341, 48.3772, 0.9058

Details

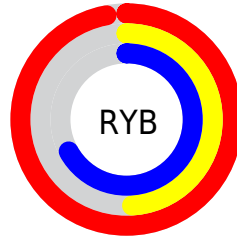
The XYZ color **52.9161, 37.1297, 42.9058** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.0001, 74.9777, 66.3790**, and the grayscale version is **36.2809, 38.1704, 41.5675**.

A 20% lighter version of the original color is **71.2887, 59.3935, 79.6583**, and **26.2590, 16.4036, 19.2350** is the 20% darker color. If you saturate the color by 10%, you get **48.8274, 31.1476, 34.7750**, and if you desaturate by 10%, it is **57.9500, 44.7329, 52.1813**.

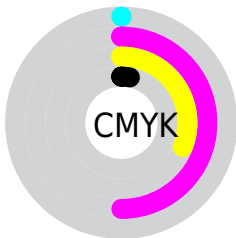
Distribution



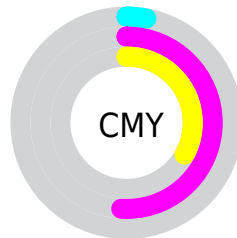
- Red (97%)
- Green (49%)
- Blue (67%)



- Red (97%)
- Yellow (49%)
- Blue (67%)



- Cyan (0%)
- Magenta (50%)
- Yellow (31%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.9161, 37.1297, 42.9058 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 52.9161, 37.1297, 42.9058 by changing the saturation by 10% instead.


 52.9161, 37.1297,
42.9058


 52.9161, 37.1297,
42.9058

388.2293,
333.8717, 374.1341


 37.9630, 25.3079,
29.4804

 93.6472, 70.7722,
80.8535

 26.1311, 16.3066,
19.1958


 120.1558, 93.3618,
106.2129

 17.0549, 9.7414,
11.6336


 151.2471,
120.3093, 136.3873

 10.3692, 5.2278,
6.3752

187.2862,
151.9994, 171.7953

 5.7086, 2.3815,
3.0021

228.6387,
188.8162, 212.8554

 2.7077, 0.8164,
1.0957

275.6698,

 1.0011, 0.0000,

231.1443, 259.9862

0.0000

328.7449,
279.3680, 313.6063

■ 0.0000, 0.0000,
0.0000

■ 52.9161, 37.1297,
42.9058

■ 52.9161, 37.1297,
42.9058

■ 48.8274, 31.1476,
34.7750

■ 57.9500, 44.7329,
52.1813

■ 45.6161, 26.6607,
27.7370

■ 63.9842, 54.0595,
62.6454

■ 43.2098, 23.5336,
21.7385

■ 71.0733, 65.2101,
74.3422

■ 41.5217, 21.6031,
16.7191

■ 79.2667, 78.2756,
87.3127

■ 40.4148, 20.6058,
12.5995

■ 88.6108, 93.3411,
101.5958

■ 40.3951, 20.5891,
12.5231

■ 92.1679, 98.5142,
108.7651

Harmonies

Analogous

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



49.7399, 37.1297, 69.5207



52.9161, 37.1297, 42.9058



50.8137, 37.1297, 23.6746

Triad

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



52.9161, 37.1297, 42.9058



28.8144, 37.1297, 12.5433



27.5501, 37.1297, 89.4348

Complementary

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



52.9161, 37.1297, 42.9058



52.0001, 74.9777, 66.3790

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.



23.3026, 37.1297, 63.6554



52.9161, 37.1297, 42.9058



23.9516, 37.1297, 20.8503

Square

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



52.9161, 37.1297, 42.9058



36.1456, 37.1297, 10.5272



22.0908, 37.1297, 38.0473



34.4493, 37.1297, 102.0151

Rectangle

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



52.9161, 37.1297, 42.9058



46.8522, 37.1297, 16.1184



22.0908, 37.1297, 38.0473



25.8072, 37.1297, 81.6430

Sweetspot

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



52.9171, 37.1316, 42.9065



80.4638, 76.5471, 86.4058



47.7772, 33.3916, 91.9230



16.8315, 15.7617, 17.8722



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.



52.9171, 37.1316, 42.9065



52.3768, 33.3169, 37.1388



51.1361, 39.5090, 24.0019



16.7611, 16.5873, 18.4887



21.4275, 10.9144, 6.9596



1.9318, 0.9787, 0.8670

Inverse Universe

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



52.9171, 37.1316, 42.9065



52.3768, 33.3169, 37.1388



54.1420, 69.0815, 98.4764



16.7611, 16.5873, 18.4887



21.4275, 10.9144, 6.9596



1.9318, 0.9787, 0.8670

Previews

White Background



This preview shows how the XYZ color 52.9161, 37.1297, 42.9058 looks on a white background.

Color Contrast Check

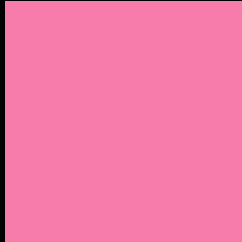
Large Text (above 18pt) WCAG AA × Fail

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 52.9161, 37.1297, 42.9058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

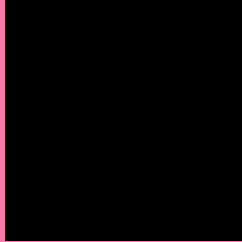
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9161, 37.1297, 42.9058

Background



This preview shows how black text looks on a background with the XYZ color 52.9161, 37.1297, 42.9058.



This preview shows how white text looks on a background with the XYZ color 52.9161, 37.1297,

42.9058.

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

52.9161, 37.1297, 42.9058

Protanopia

37.0481, 37.4036, 56.8967

Deuteranopia

38.0121, 37.2162, 40.7773



Tritanopia

49.9511, 37.0624, 28.9472

Trichromacy



Original Color

52.9161, 37.1297, 42.9058

Protanomaly

40.8456, 35.9872, 51.2478

Deuteranomaly

42.1558, 36.1852, 41.3218

Tritanomaly

50.9613, 37.0852, 33.7504

Monochromacy



Original Color

52.9161, 37.1297, 42.9058

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.6402, 36.5625, 41.9611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9161, 37.1297, 42.9058 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(247, 124, 171)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 171)  
}
```

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(247, 124, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.9161, 37.1297, 42.9058 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(247, 124, 171) }
```


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

```
.border{ border-color:rgb(247, 124, 171) }
```

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

Here you see how a box with a 4 pixel rgb(247, 124, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 171);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9161, 37.1297, 42.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 171) }
```

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

```
.background{ background-color: rgb(247,  
124, 171) }
```

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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