

Converting Colors

XYZ(52.5387, 37.2051, 26.2044)

Have a look what the booklet for
XYZ(52.5387, 37.2051, 26.2044)
contains.

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Color

**XYZ(52.4878, 37.0919,
26.2228)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7B84 |
| RGB | 255, 123, 132 |
| RGB Percent | 100%, 48%, 52% |
| CMY | 0.0000, 0.5176, 0.4823 |
| CMYK | 0.00, 0.52, 0.48, 0.00 |
| HSL | 356°, 100%, 74% |
| HSV | 356°, 52%, 100% |
| XYZ | 52.4878, 37.0919, 26.2228 |
| YIQ | 163.4940, 75.7830, 30.7830 |

Conversions

Conversions Part 2

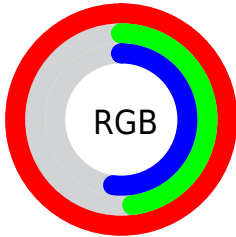
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 123, 132 |
| Decimal | 16743300 |
| CIE _{Lab} | 67.35, 50.96, 19.27 |
| CIE _{LCh} | 67, 54.484, 20.709 |
| Yxy | 37.0919, 0.4533, 0.3203 |
| Android (android.graphics.Color) | 4294933380 (0xFFFF7B84) |
| YUV | 163.4940, -15.5265, 80.2508 |
| Hunter-Lab | 60.9031, 47.2552, 17.1039 |

Details

The XYZ color **52.4878, 37.0919, 26.2228** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.5650, 82.3855, 99.9043**, and the grayscale version is **35.0937, 36.9213, 40.2073**.

A 20% lighter version of the original color is **65.9174, 56.6036, 53.3503**, and **25.9376, 16.3501, 9.9724** is the 20% darker color. If you saturate the color by 10%, you get **48.2811, 30.9913, 17.6911**, and if you desaturate by 10%, it is **57.8904, 44.9918, 36.9807**.

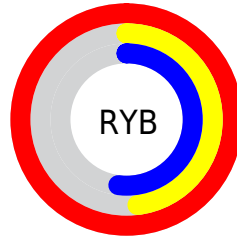
Distribution



Red (100%)

Green (48%)

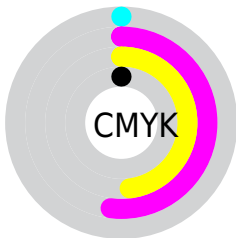
Blue (52%)



Red (100%)

Yellow (48%)

Blue (52%)

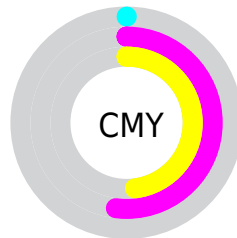


Cyan (0%)

Magenta (52%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4878, 37.0919, 26.2228 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 52.4878, 37.0919, 26.2228 by changing the saturation by 10% instead.


 52.4878, 37.0919,
26.2228


 52.4878, 37.0919,
26.2228


386.6100,
333.7082, 297.5143

 37.6199, 25.2787,
16.7631

 93.0202, 70.7141,
54.6226

 25.8637, 16.2848,
9.9056


 119.4154, 93.2919,
74.3999

 16.8538, 9.7259,
5.2316


 150.3838,
120.2266, 98.4535

 10.2250, 5.2176,
2.3227

186.2906,
151.9026, 127.2018

 5.6118, 2.3755,
0.7439

227.5013,
188.7044, 161.0635

 2.6489, 0.8132,
0.0000

274.3812,

 0.9709, 0.0000,

231.0163, 200.4572

0.0000

327.2956,
279.2228, 245.8012

■ 0.0000, 0.0000,
0.0000

■ 52.4878, 37.0919,
26.2228

■ 52.4878, 37.0919,
26.2228

■ 48.2811, 30.9913,
17.6911

■ 57.8904, 44.9918,
36.9807

■ 45.1767, 26.5433,
11.2278

■ 64.5675, 54.8112,
50.1039

■ 43.0714, 23.5877,
6.6572

■ 72.5943, 66.6666,
65.7223

■ 41.8413, 21.9298,
3.7738

■ 82.0395, 80.6636,
83.9559

■ 41.3440, 21.3016,
2.4783

■ 92.9668, 96.9006,
104.9170

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



53.5721, 37.0919, 48.2668



52.4878, 37.0919, 26.2228



46.4192, 37.0919, 14.2458

Triad

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



52.4878, 37.0919, 26.2228



24.2407, 37.0919, 17.7217



32.7279, 37.0919, 104.8017

Complementary

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



52.4878, 37.0919, 26.2228



60.5650, 82.3855, 99.9043

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.



26.0414, 37.0919, 87.3934



52.4878, 37.0919, 26.2228



21.6759, 37.0919, 33.4147

Square

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



52.4878, 37.0919, 26.2228



29.8813, 37.0919, 10.8546



22.2787, 37.0919, 58.9068



41.2365, 37.0919, 100.3981

Rectangle

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



52.4878, 37.0919, 26.2228



40.8239, 37.0919, 10.6935



22.2787, 37.0919, 58.9068



30.2166, 37.0919, 101.1132

Sweetspot

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



52.4887, 37.0939, 26.2235



77.8590, 74.4631, 75.9010



62.4422, 40.6211, 99.1570



16.2507, 15.3242, 15.4459



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.



52.4887, 37.0939, 26.2235



48.1948, 30.8666, 17.5135



60.7368, 54.5328, 26.0663



18.0596, 18.0071, 18.9308



21.6216, 11.1379, 1.3920



2.1219, 1.0911, 0.2235

Inverse Universe

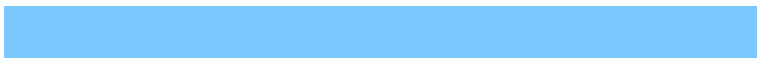
The Inverse Universe completely reimagines the original color for something new.



52.4887, 37.0939, 26.2235



48.1948, 30.8666, 17.5135



46.8745, 52.7416, 102.3170



18.0596, 18.0071, 18.9308



21.6216, 11.1379, 1.3920



2.1219, 1.0911, 0.2235

Previews

White Background



This preview shows how the XYZ color 52.4878, 37.0919, 26.2228 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 52.4878, 37.0919, 26.2228 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 52.4878, 37.0919, 26.2228

Background



This preview shows how black text looks on a background with the XYZ color 52.4878, 37.0919, 26.2228.



This preview shows how white text looks on a background with the XYZ color 52.4878, 37.0919,

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

52.4878, 37.0919, 26.2228

Protanopia

35.5205, 37.3640, 35.0456

Deuteranopia

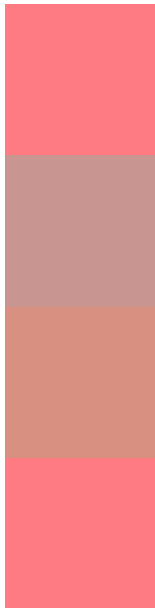
37.9851, 37.2975, 24.9358



Tritanopia

52.4878, 37.0919, 26.2228

Trichromacy



Original Color

52.4878, 37.0919, 26.2228

Protanomaly

39.9457, 35.9567, 31.6230

Deuteranomaly

42.3406, 36.4082, 25.2180

Tritanomaly

52.4878, 37.0919, 26.2228

Monochromacy



Original Color

52.4878, 37.0919, 26.2228

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

39.0224, 35.1826, 34.4400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4878, 37.0919, 26.2228 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(255, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 132)  
}
```

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(255, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 52.4878, 37.0919, 26.2228 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(255, 123, 132) }
```


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

```
.border{ border-color:rgb(255, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4878, 37.0919, 26.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 132) }
```

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

```
.background{ background-color: rgb(255,  
123, 132) }
```

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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