

Converting Colors

XYZ(56.6814, 39.8095, 26.9262)

Have a look what the booklet for
XYZ(56.6814, 39.8095, 26.9262)
contains.

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Color

**XYZ(52.9345, 37.8752,
26.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E85
RGB	255, 126, 133
RGB Percent	100%, 49%, 52%
CMY	0.0000, 0.5059, 0.4784
CMYK	0.00, 0.51, 0.48, 0.00
HSL	357°, 100%, 75%
HSV	357°, 51%, 100%
XYZ	52.9345, 37.8752, 26.7110
YIQ	165.3690, 74.6370, 29.5250

Conversions

Conversions Part 2

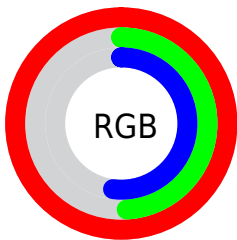
Format	Color
R _Y B	255, 126, 133
Decimal	16744069
CIE Lab	67.93, 49.61, 19.50
CIE LCh	68, 53.309, 21.461
Yxy	37.8752, 0.4504, 0.3223
Android (android.graphics.Color)	4294934149 (0xFFFF7E85)
YUV	165.3690, -15.9579, 78.6064
Hunter-Lab	61.5428, 45.8323, 17.3468

Details

The XYZ color **52.9345, 37.8752, 26.7110** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.3096, 82.7337, 101.5502**, and the grayscale version is **35.9918, 37.8661, 41.2362**.

A 20% lighter version of the original color is **66.6268, 57.8529, 54.1095**, and **26.1657, 16.7442, 10.2404** is the 20% darker color. If you saturate the color by 10%, you get **48.6000, 31.5737, 17.9679**, and if you desaturate by 10%, it is **58.4843, 45.9954, 37.7469**.

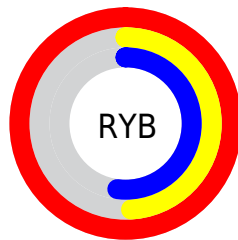
Distribution



Red (100%)

Green (49%)

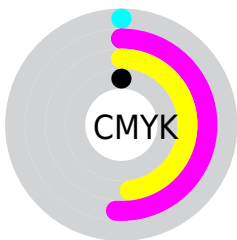
Blue (52%)



Red (100%)

Yellow (49%)

Blue (52%)

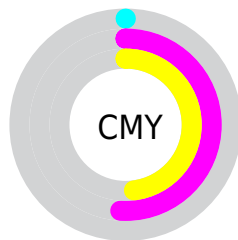


Cyan (0%)

Magenta (51%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9345, 37.8752, 26.7110 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 52.9345, 37.8752, 26.7110 by changing the saturation by 10% instead.


 52.9345, 37.8752,
26.7110


 52.9345, 37.8752,
26.7110


388.2987,
337.0843, 299.9709

 37.9778, 25.8858,
17.1258

 93.6741, 71.9168,
55.4179

 26.1426, 16.7383,
10.1613


 120.1876, 94.7379,
75.3766

 17.0636, 10.0481,
5.3990


 151.2841,
121.9383, 99.6302

 10.3754, 5.4308,
2.4204

187.3290,
153.9024, 128.5973

 5.7127, 2.5022,
0.7975

228.6875,
191.0147, 162.6963

 2.7102, 0.8777,
0.0000

275.7251,

 1.0024, 0.0000,

233.6595, 202.3459

0.0000

328.8070,
282.2212, 247.9646

■ 0.0000, 0.0000,
0.0000

■ 52.9345, 37.8752,
26.7110

■ 52.9345, 37.8752,
26.7110

■ 48.6000, 31.5737,
17.9679

■ 58.4843, 45.9954,
37.7469

■ 45.3869, 26.9454,
11.3545

■ 65.3283, 56.0533,
51.2194

■ 43.1924, 23.8324,
6.6890

■ 73.5420, 68.1646,
67.2627

■ 41.8933, 22.0442,
3.7588

■ 83.1942, 82.4346,
86.0008

■ 41.3179, 21.2912,
2.3411

■ 94.3493, 98.9610,
107.5497

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



54.1422, 37.8752, 48.3845



52.9345, 37.8752, 26.7110



46.8531, 37.8752, 14.8755

Triad

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



52.9345, 37.8752, 26.7110



24.9309, 37.8752, 18.8616



33.6874, 37.8752, 104.7271

Complementary

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



52.9345, 37.8752, 26.7110



61.3096, 82.7337, 101.5502

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.



26.9662, 37.8752, 88.1493



52.9345, 37.8752, 26.7110



22.4432, 37.8752, 34.8353

Square

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



52.9345, 37.8752, 26.7110



30.4850, 37.8752, 11.7029



23.1265, 37.8752, 60.2634



42.1413, 37.8752, 99.8632

Rectangle

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



52.9345, 37.8752, 26.7110



41.3002, 37.8752, 11.3630



23.1265, 37.8752, 60.2634



31.1725, 37.8752, 101.3030

Sweetspot

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



52.9355, 37.8772, 26.7117



78.7514, 75.8621, 77.3884



63.6584, 41.8090, 99.3222



16.4237, 15.5986, 15.7248



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.



52.9355, 37.8772, 26.7117



48.4451, 31.3494, 17.6524



61.7147, 56.1833, 27.3331



18.0493, 18.0030, 18.8767



21.6056, 11.1315, 1.3076



2.1171, 1.0892, 0.1979

Inverse Universe

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



52.9355, 37.8772, 26.7117



48.4451, 31.3494, 17.6524



47.1025, 52.5506, 102.2682



18.0493, 18.0030, 18.8767



21.6056, 11.1315, 1.3076



2.1171, 1.0892, 0.1979

Previews

White Background



This preview shows how the XYZ color 52.9345, 37.8752, 26.7110 looks on a white background.

Color Contrast Check

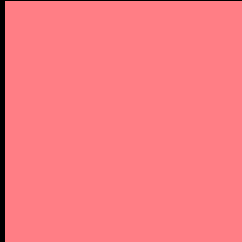
Large Text (above 18pt) WCAG AA × Fail

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 52.9345, 37.8752, 26.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

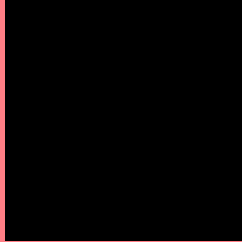
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9345, 37.8752, 26.7110

Background



This preview shows how black text looks on a background with the XYZ color 52.9345, 37.8752, 26.7110.



This preview shows how white text looks on a background with the XYZ color 52.9345, 37.8752,

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

52.9345, 37.8752, 26.7110

Protanopia

36.1359, 37.9479, 35.1259

Deuteranopia

38.7346, 37.9307, 25.3585



Tritanopia

53.0740, 37.9310, 27.4458

Trichromacy



Original Color

52.9345, 37.8752, 26.7110



Protanomaly

40.5346, 36.7341, 31.7421



Deuteranomaly

43.0114, 37.2041, 25.6830



Tritanomaly

53.0039, 37.9029, 27.0766

Monochromacy



Original Color

52.9345, 37.8752, 26.7110



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

40.1051, 36.4389, 35.0566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9345, 37.8752, 26.7110 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, 126, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 133)  
}
```

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, 126, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 133) }
```

Border

The CSS property to change the border of an element to XYZ 52.9345, 37.8752, 26.7110 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, 126, 133) }
```


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

```
.border{ border-color:rgb(255, 126, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9345, 37.8752, 26.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 133) }
```

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

```
.background{ background-color: rgb(255,  
126, 133) }
```

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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