

Converting Colors

XYZ(51.7121, 37.0561, 26.6173)

Have a look what the booklet for
XYZ(51.7121, 37.0561, 26.6173)
contains.

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Color

**XYZ(51.7121, 37.0561,
26.6173)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7D85
RGB	252, 125, 133
RGB Percent	99%, 49%, 52%
CMY	0.0118, 0.5098, 0.4784
CMYK	0.00, 0.50, 0.47, 0.01
HSL	356°, 95%, 74%
HSV	356°, 50%, 99%
XYZ	51.7121, 37.0561, 26.6173
YIQ	163.8850, 73.1240, 29.4120

Conversions

Conversions Part 2

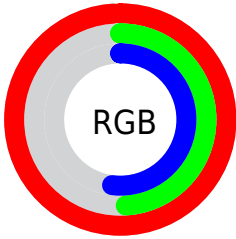
Format	Color
R _Y B	252, 125, 133
Decimal	16547205
CIE Lab	67.32, 49.05, 18.60
CIE LCh	67, 52.457, 20.767
Yxy	37.0561, 0.4482, 0.3212
Android (android.graphics.Color)	4294737285 (0xFFFC7D85)
YUV	163.8850, -15.2263, 77.2769
Hunter-Lab	60.8737, 45.1064, 16.6868

Details

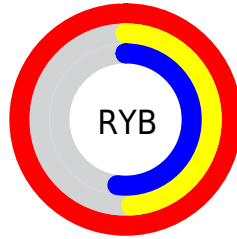
The XYZ color **51.7121, 37.0561, 26.6173** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.5990, 80.5132, 97.9925**, and the grayscale version is **35.2788, 37.1160, 40.4194**.

A 20% lighter version of the original color is **66.4242, 57.4477, 54.0420**, and **25.3393, 16.2229, 10.1833** is the 20% darker color. If you saturate the color by 10%, you get **47.4647, 30.8854, 18.0373**, and if you desaturate by 10%, it is **57.1372, 44.9956, 37.3997**.

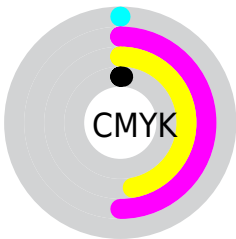
Distribution



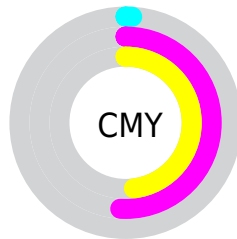
- Red (99%)
- Green (49%)
- Blue (52%)



- Red (99%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (50%)
- Yellow (47%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7121, 37.0561, 26.6173 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 51.7121, 37.0561, 26.6173 by changing the saturation by 10% instead.


 51.7121, 37.0561,
26.6173


 51.7121, 37.0561,
26.6173


383.6664,
333.5533, 299.5007

 36.9990, 25.2509,
17.0561


 91.8833, 70.6591,
55.2654

 25.3804, 16.2641,
10.1121


 118.0720, 93.2256,
75.1894

 16.4909, 9.7112,
5.3668


 148.8167,
120.1481, 99.4047

 9.9652, 5.2079,
2.4016

184.4826,
151.8110, 128.3300

 5.4380, 2.3698,
0.7873

225.4352,
188.5985, 162.3837

 2.5439, 0.8103,
0.0000

272.0398,

 0.9174, 0.0000,

230.8951, 201.9843

0.0000

324.6617,
279.0853, 247.5505

■ 0.0000, 0.0000,
0.0000

■ 51.7121, 37.0561,
26.6173

■ 51.7121, 37.0561,
26.6173

■ 47.4647, 30.8854,
18.0373

■ 57.1372, 44.9956,
37.3997

■ 44.3049, 26.3427,
11.5058

■ 63.8157, 54.8189,
50.5198

■ 42.1341, 23.2758,
6.8524

■ 71.8202, 66.6380,
66.1047

■ 40.8344, 21.5007,
3.8781

■ 81.2170, 80.5548,
84.2716

■ 40.2372, 20.7324,
2.3658

■ 92.0679, 96.6639,
105.1301

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



52.7560, 37.0561, 47.8634



51.7121, 37.0561, 26.6173



45.9116, 37.0561, 14.8818

Triad

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



51.7121, 37.0561, 26.6173



24.5677, 37.0561, 18.3516



32.8020, 37.0561, 101.5895

Complementary

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



51.7121, 37.0561, 26.6173



59.5990, 80.5132, 97.9925

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.



26.3334, 37.0561, 85.1813



51.7121, 37.0561, 26.6173



22.0779, 37.0561, 33.6633

Square

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



51.7121, 37.0561, 26.6173



30.0270, 37.0561, 11.5242



22.6711, 37.0561, 58.1366



40.9812, 37.0561, 97.3936

Rectangle

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



51.7121, 37.0561, 26.6173



40.5532, 37.0561, 11.3496



22.6711, 37.0561, 58.1366



30.3774, 37.0561, 98.1237

Sweetspot

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



51.7130, 37.0580, 26.6180



78.7954, 75.8797, 77.6199



62.0518, 40.8472, 96.7090



16.4342, 15.6027, 15.7796



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.



51.7130, 37.0580, 26.6180



48.8954, 31.9244, 18.8065



60.1758, 54.8339, 26.8170



17.2889, 17.2429, 18.1111



20.9775, 10.8067, 1.3242



1.9579, 1.0069, 0.2018

Inverse Universe

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



51.7130, 37.0580, 26.6180



48.8954, 31.9244, 18.8065



45.9886, 51.3076, 99.5747



17.2889, 17.2429, 18.1111



20.9775, 10.8067, 1.3242



1.9579, 1.0069, 0.2018

Previews

White Background



This preview shows how the XYZ color 51.7121, 37.0561, 26.6173 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 51.7121, 37.0561, 26.6173 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 51.7121, 37.0561, 26.6173

Background



This preview shows how black text looks on a background with the XYZ color 51.7121, 37.0561, 26.6173.



This preview shows how white text looks on a background with the XYZ color 51.7121, 37.0561,

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

51.7121, 37.0561, 26.6173

Protanopia

35.5205, 37.3640, 35.0456

Deuteranopia

38.0499, 37.3235, 25.2774



Tritanopia

51.7816, 37.0839, 26.9830

Trichromacy



Original Color

51.7121, 37.0561, 26.6173

Protanomaly

39.8366, 36.1364, 31.6635

Deuteranomaly

41.9729, 36.4389, 25.5901

Tritanomaly

51.7816, 37.0839, 26.9830

Monochromacy



Original Color

51.7121, 37.0561, 26.6173

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.4211, 35.8484, 34.9787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7121, 37.0561, 26.6173 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(252, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(252, 125, 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(252, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 51.7121, 37.0561, 26.6173 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(252, 125, 133) }
```


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

```
.border{ border-color:rgb(252, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(252, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7121, 37.0561, 26.6173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 125, 133) }
```

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

```
.background{ background-color: rgb(252,  
125, 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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