

Converting Colors

XYZ(53.6633, 37.1691, 33.6241)

Have a look what the booklet for
XYZ(53.6633, 37.1691, 33.6241)
contains.

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Color

**XYZ(53.6633, 37.1691,
33.6241)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7997
RGB	255, 121, 151
RGB Percent	100%, 47%, 59%
CMY	0.0000, 0.5255, 0.4078
CMYK	0.00, 0.53, 0.41, 0.00
HSL	347°, 100%, 74%
HSV	347°, 53%, 100%
XYZ	53.6633, 37.1691, 33.6241
YIQ	164.4860, 70.2340, 37.7380

Conversions

Conversions Part 2

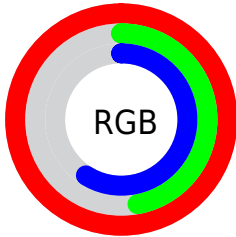
Format	Color
R_{YB}	255, 121, 151
Decimal	16742807
CIE _{Lab}	67.40, 53.75, 8.62
CIE _{LCh}	67, 54.441, 9.105
Yxy	37.1691, 0.4312, 0.2987
Android (android.graphics.Color)	4294932887 (0xFFFF7997)
YUV	164.4860, -6.6486, 79.3808
Hunter-Lab	60.9665, 50.4262, 9.9770

Details

The XYZ color **53.6633, 37.1691, 33.6241** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.2378, 81.0221, 83.8613**, and the grayscale version is **35.5267, 37.3769, 40.7034**.

A 20% lighter version of the original color is **67.9816, 57.1121, 65.1983**, and **26.4966, 16.2859, 13.8036** is the 20% darker color. If you saturate the color by 10%, you get **49.4890, 31.1806, 24.9570**, and if you desaturate by 10%, it is **58.9283, 44.9071, 43.9867**.

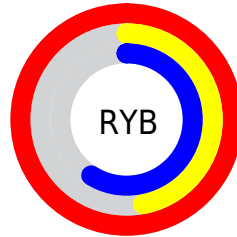
Distribution



Red (100%)

Green (47%)

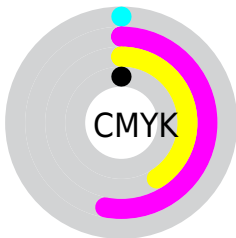
Blue (59%)



Red (100%)

Yellow (47%)

Blue (59%)

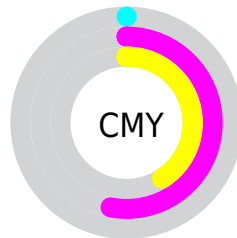


Cyan (0%)

Magenta (53%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6633, 37.1691, 33.6241 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 53.6633, 37.1691, 33.6241 by changing the saturation by 10% instead.

 53.6633, 37.1691,
33.6241


 53.6633, 37.1691,
33.6241


391.0441,
334.0421, 333.1705


 38.5621, 25.3384,
22.3300


 94.7395, 70.8328,
66.4759

 26.5985, 16.3294,
13.8989


 121.4452, 93.4346,
88.8706

 17.4069, 9.7575,
7.9124


 152.7499,
120.3956, 115.8026

 10.6221, 5.2385,
3.9520

189.0188,
152.1002, 147.6904

 5.8788, 2.3879,
1.5991

230.6173,
188.9327, 184.9525

 2.8115, 0.8196,
0.2901

277.9108,

 1.0549, 0.0000,

231.2776, 228.0076

0.0000

331.2646,
279.5192, 277.2741

■ 0.0000, 0.0000,
0.0000

■ 53.6633, 37.1691,
33.6241

■ 53.6633, 37.1691,
33.6241

■ 49.4890, 31.1806,
24.9570

■ 58.9283, 44.9071,
43.9867

■ 46.3229, 26.7982,
17.8906

■ 65.3523, 54.5114,
56.1283

■ 44.0751, 23.8656,
12.3229

■ 73.0016, 66.0955,
70.1294

■ 42.6372, 22.1917,
8.1385

■ 81.9364, 79.7622,
86.0645

■ 41.9805, 21.5562,
5.8294

■ 92.2129, 95.6072,
104.0043

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.5437, 37.1691, 59.1777



53.6633, 37.1691, 33.6241



49.3034, 37.1691, 17.8506

Triad

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



53.6633, 37.1691, 33.6241



26.1410, 37.1691, 14.2549



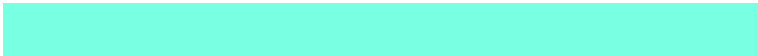
29.9075, 37.1691, 100.3920

Complementary

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



53.6633, 37.1691, 33.6241



57.2378, 81.0221, 83.8613

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.



24.2799, 37.1691, 76.9373



53.6633, 37.1691, 33.6241



22.3552, 37.1691, 26.1911

Square

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



53.6633, 37.1691, 33.6241



32.8487, 37.1691, 9.9368



21.7322, 37.1691, 48.1891



37.9293, 37.1691, 104.9368

Rectangle

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



53.6633, 37.1691, 33.6241



44.2265, 37.1691, 12.4539



21.7322, 37.1691, 48.1891



27.7113, 37.1691, 94.1155

Sweetspot

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



53.6643, 37.1710, 33.6248



78.7014, 74.8001, 80.3373



55.5468, 36.7016, 98.7642



16.4488, 15.4034, 16.4890



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.



53.6643, 37.1710, 33.6248



49.3240, 30.9478, 24.6022



56.7045, 46.6664, 24.1105



18.1758, 18.0536, 19.5431



21.9813, 11.2818, 3.2863



2.1792, 1.1141, 0.5253

Inverse Universe

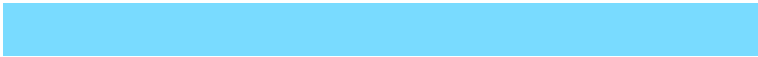
The Inverse Universe completely reimagines the original color for something new.



53.6643, 37.1710, 33.6248



49.3240, 30.9478, 24.6022



51.3379, 62.0889, 103.8863



18.1758, 18.0536, 19.5431



21.9813, 11.2818, 3.2863



2.1792, 1.1141, 0.5253

Previews

White Background



This preview shows how the XYZ color 53.6633, 37.1691, 33.6241 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 53.6633, 37.1691, 33.6241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

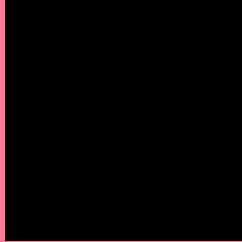
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6633, 37.1691, 33.6241

Background



This preview shows how black text looks on a background with the XYZ color 53.6633, 37.1691, 33.6241.



This preview shows how white text looks on a background with the XYZ color 53.6633, 37.1691,

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

53.6633, 37.1691, 33.6241

Protanopia

36.3232, 37.5386, 45.8887

Deuteranopia

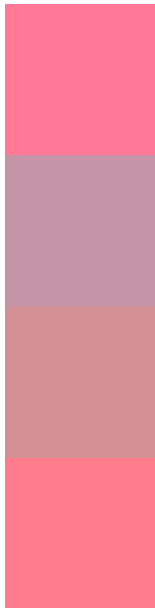
37.8312, 37.0628, 31.9480



Tritanopia

52.3143, 37.1796, 26.6094

Trichromacy



Original Color

53.6633, 37.1691, 33.6241

Protanomaly

40.4988, 35.8033, 40.8526

Deuteranomaly

42.5432, 36.3544, 32.3786

Tritanomaly

52.6896, 37.1302, 29.2007

Monochromacy



Original Color

53.6633, 37.1691, 33.6241

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.8739, 35.5533, 37.5618

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6633, 37.1691, 33.6241 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, 121, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 151)  
}
```

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, 121, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 151) }
```

Border

The CSS property to change the border of an element to XYZ 53.6633, 37.1691, 33.6241 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, 121, 151) }
```


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

```
.border{ border-color:rgb(255, 121, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6633, 37.1691, 33.6241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 151) }
```

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

```
.background{ background-color: rgb(255,  
121, 151) }
```

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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