

Converting Colors

XYZ(53.3878, 37.2544, 31.5711)

Have a look what the booklet for
XYZ(53.3878, 37.2544, 31.5711)
contains.

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Color

**XYZ(53.3878, 37.2544,
31.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A92
RGB	255, 122, 146
RGB Percent	100%, 48%, 57%
CMY	0.0000, 0.5215, 0.4274
CMYK	0.00, 0.52, 0.43, 0.00
HSL	349°, 100%, 74%
HSV	349°, 52%, 100%
XYZ	53.3878, 37.2544, 31.5711
YIQ	164.5030, 71.5640, 35.6600

Conversions

Conversions Part 2

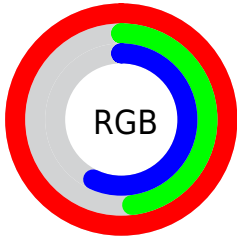
Format	Color
RYB	255, 122, 146
Decimal	16743058
CIELab	67.47, 52.77, 11.53
CIElCh	67, 54.017, 12.329
Yxy	37.2544, 0.4368, 0.3048
Android (android.graphics.Color)	4294933138 (0xFFFF7A92)
YUV	164.5030, -9.1220, 79.3659
Hunter-Lab	61.0364, 49.3182, 12.0577

Details

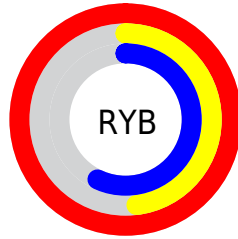
The XYZ color **53.3878, 37.2544, 31.5711** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.2119, 81.4279, 88.2555**, and the grayscale version is **35.5458, 37.3970, 40.7253**.

A 20% lighter version of the original color is **67.5857, 57.2709, 62.1358**, and **26.3666, 16.3282, 12.8283** is the 20% darker color. If you saturate the color by 10%, you get **49.1774, 31.2020, 22.8666**, and if you desaturate by 10%, it is **58.7186, 45.0721, 42.1159**.

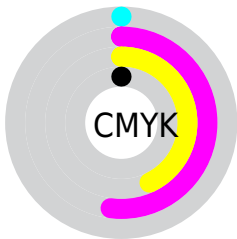
Distribution



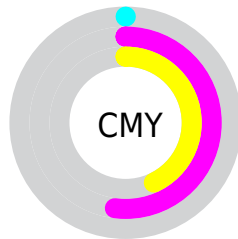
- Red (100%)
- Green (48%)
- Blue (57%)



- Red (100%)
- Yellow (48%)
- Blue (57%)



- Cyan (0%)
- Magenta (52%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (52%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3878, 37.2544, 31.5711 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 53.3878, 37.2544, 31.5711 by changing the saturation by 10% instead.


 53.3878, 37.2544,
31.5711


 53.3878, 37.2544,
31.5711


390.0077,
334.4106, 323.5931


 38.3412, 25.4045,
20.7720

 94.3369, 70.9639,
63.2282

 26.4260, 16.3787,
12.7678


 120.9701, 93.5923,
84.9232

 17.2769, 9.7925,
7.1400


 152.1963,
120.5823, 111.0874

 10.5287, 5.2616,
3.4701

188.3806,
152.3183, 142.1391

 5.8158, 2.4016,
1.3394

229.8886,
189.1848, 178.4971

 2.7730, 0.8267,
0.0937

277.0855,

 1.0349, 0.0000,

231.5661, 220.5797

0.0000

330.3368,
279.8465, 268.8055

■ 0.0000, 0.0000,
0.0000

■ 53.3878, 37.2544,
31.5711

■ 53.3878, 37.2544,
31.5711

■ 49.1774, 31.2020,
22.8666

■ 58.7186, 45.0721,
42.1159

■ 46.0026, 26.7710,
15.8932

■ 65.2405, 54.7724,
54.5976

■ 43.7708, 23.8049,
10.5327

■ 73.0217, 66.4693,
69.1080

■ 42.3708, 22.1128,
6.6506

■ 82.1243, 80.2662,
85.7326

■ 41.7331, 21.4572,
4.5273

■ 92.6064, 96.2592,
104.5520

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.



52.8836, 37.2544, 56.0687



53.3878, 37.2544, 31.5711



48.5575, 37.2544, 16.9245

Triad

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



53.3878, 37.2544, 31.5711



25.7184, 37.2544, 15.2989



30.7851, 37.2544, 101.5070

Complementary

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



53.3878, 37.2544, 31.5711



58.2119, 81.4279, 88.2555

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.



24.8785, 37.2544, 79.7521



53.3878, 37.2544, 31.5711



22.2828, 37.2544, 28.2182

Square

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



53.3878, 37.2544, 31.5711



32.1116, 37.2544, 10.3031



22.0015, 37.2544, 51.1198



38.9252, 37.2544, 103.5514

Rectangle

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



53.3878, 37.2544, 31.5711



43.3443, 37.2544, 12.0680



22.0015, 37.2544, 51.1198



28.5069, 37.2544, 95.9549

Sweetspot

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



53.3888, 37.2563, 31.5718



78.4632, 74.7048, 79.0829



57.8423, 38.0664, 98.9064



16.3926, 15.3810, 16.1934



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.



53.3888, 37.2563, 31.5718



48.8699, 30.7662, 22.2110



58.0505, 49.2599, 24.8635



18.1432, 18.0406, 19.3710



21.8448, 11.2272, 2.5674



2.1615, 1.1070, 0.4318

Inverse Universe

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



53.3888, 37.2563, 31.5718



48.8699, 30.7662, 22.2110



49.8426, 58.8891, 103.3472



18.1432, 18.0406, 19.3710



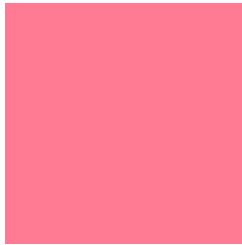
21.8448, 11.2272, 2.5674



2.1615, 1.1070, 0.4318

Previews

White Background



This preview shows how the XYZ color 53.3878, 37.2544, 31.5711 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 53.3878, 37.2544, 31.5711 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 53.3878, 37.2544, 31.5711

Background



This preview shows how black text looks on a background with the XYZ color 53.3878, 37.2544, 31.5711.



This preview shows how white text looks on a background with the XYZ color 53.3878, 37.2544,

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

53.3878, 37.2544, 31.5711

Protanopia

36.1628, 37.5225, 42.8727

Deuteranopia

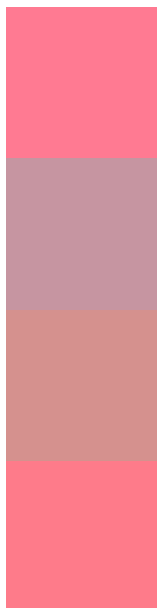
37.9467, 37.1660, 29.9847



Tritanopia

52.3143, 37.1796, 26.6094

Trichromacy



Original Color

53.3878, 37.2544, 31.5711

Protanomaly

40.4692, 36.0739, 38.5482

Deuteranomaly

42.4485, 36.3499, 30.3701

Tritanomaly

52.5435, 37.0717, 28.4310

Monochromacy



Original Color

53.3878, 37.2544, 31.5711

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.2077, 35.9693, 37.1713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3878, 37.2544, 31.5711 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, 122, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 146)  
}
```

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, 122, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.3878, 37.2544, 31.5711 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, 122, 146) }
```


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

```
.border{ border-color:rgb(255, 122, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3878, 37.2544, 31.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 146) }
```

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

```
.background{ background-color: rgb(255,  
122, 146) }
```

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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