

Converting Colors

XYZ(53.1502, 37.2431, 30.0626)

Have a look what the booklet for
XYZ(53.1502, 37.2431, 30.0626)
contains.

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Color

**XYZ(53.0820, 37.1321,
29.9607)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A8E
RGB	255, 122, 142
RGB Percent	100%, 48%, 56%
CMY	0.0000, 0.5215, 0.4431
CMYK	0.00, 0.52, 0.44, 0.00
HSL	351°, 100%, 74%
HSV	351°, 52%, 100%
XYZ	53.0820, 37.1321, 29.9607
YIQ	164.0470, 72.8480, 34.4160

Conversions

Conversions Part 2

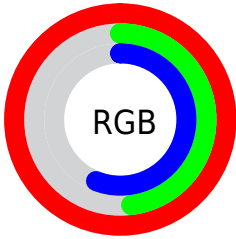
Format	Color
R _Y B	255, 122, 142
Decimal	16743054
CIE Lab	67.38, 52.38, 13.67
CIE LCh	67, 54.130, 14.624
Yxy	37.1321, 0.4417, 0.3090
Android (android.graphics.Color)	4294933134 (0xFFFF7A8E)
YUV	164.0470, -10.8692, 79.7658
Hunter-Lab	60.9361, 48.8548, 13.5039

Details

The XYZ color **53.0820, 37.1321, 29.9607** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.7835, 81.6565, 91.2656**, and the grayscale version is **35.3360, 37.1763, 40.4850**.

A 20% lighter version of the original color is **67.1242, 57.0863, 59.7055**, and **26.1871, 16.2564, 11.8828** is the 20% darker color. If you saturate the color by 10%, you get **48.8798, 31.0829, 21.2993**, and if you desaturate by 10%, it is **58.4236, 44.9541, 40.5625**.

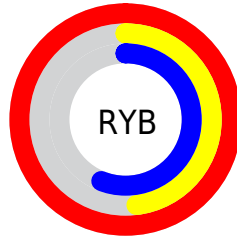
Distribution



Red (100%)

Green (48%)

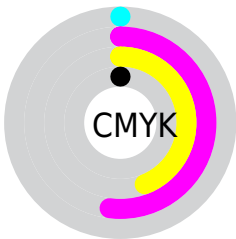
Blue (56%)



Red (100%)

Yellow (48%)

Blue (56%)

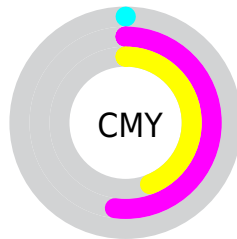


Cyan (0%)

Magenta (52%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0820, 37.1321, 29.9607 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 53.0820, 37.1321, 29.9607 by changing the saturation by 10% instead.


 53.0820, 37.1321,
29.9607


 53.0820, 37.1321,
29.9607


388.8554,
333.8821, 315.9228


 38.0960, 25.3098,
19.5570


 93.8898, 70.7759,
60.6603

 26.2347, 16.3080,
11.8925


 120.4424, 93.3662,
81.7932

 17.1329, 9.7424,
6.5489


 151.5811,
120.3146, 107.3396

 10.4252, 5.2285,
3.1075

187.6714,
152.0055, 137.7181

 5.7462, 2.3819,
1.1498

229.0786,
188.8233, 173.3471

 2.7306, 0.8166,
0.0000

276.1681,

 1.0129, 0.0000,

231.1524, 214.6452

0.0000

329.3052,
279.3772, 262.0309

■ 0.0000, 0.0000,
0.0000

■ 53.0820, 37.1321,
29.9607

■ 53.0820, 37.1321,
29.9607

■ 48.8798, 31.0829,
21.2993

■ 58.4236, 44.9541,
40.5625

■ 45.7299, 26.6620,
14.4574

■ 64.9773, 54.6671,
53.2112

■ 43.5374, 23.7116,
9.3035

■ 72.8128, 66.3858,
68.0079

■ 42.1878, 22.0396,
5.6872

■ 81.9941, 80.2141,
85.0466

■ 41.5951, 21.4020,
3.8008

■ 92.5805, 96.2489,
104.4154

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.



53.0110, 37.1321, 53.7898



53.0820, 37.1321, 29.9607



47.9035, 37.1321, 16.0856

Triad

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



53.0820, 37.1321, 29.9607



25.2340, 37.1321, 15.8576



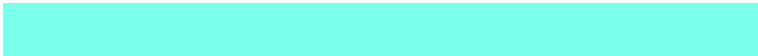
31.2311, 37.1321, 102.3925

Complementary

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



53.0820, 37.1321, 29.9607



58.7835, 81.6565, 91.2656

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.



25.1159, 37.1321, 81.7480



53.0820, 37.1321, 29.9607



22.0412, 37.1321, 29.4894

Square

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



53.0820, 37.1321, 29.9607



31.4177, 37.1321, 10.3839



22.0017, 37.1321, 53.0930



39.4744, 37.1321, 102.6808

Rectangle

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



53.0820, 37.1321, 29.9607



42.5779, 37.1321, 11.6119



22.0017, 37.1321, 53.0930



28.8903, 37.1321, 97.3283

Sweetspot

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



53.0830, 37.1340, 29.9614



78.2997, 74.6394, 78.2220



58.5607, 38.4368, 98.9400



16.3542, 15.3656, 15.9909



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.



53.0830, 37.1340, 29.9614



48.5738, 30.6477, 20.6514



58.4511, 50.0610, 24.9971



18.1206, 18.0316, 19.2524



21.7675, 11.1963, 2.1601



2.1506, 1.1026, 0.3747

Inverse Universe

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



53.0830, 37.1340, 29.9614



48.5738, 30.6477, 20.6514



49.2893, 57.7825, 103.1627



18.1206, 18.0316, 19.2524



21.7675, 11.1963, 2.1601



2.1506, 1.1026, 0.3747

Previews

White Background



This preview shows how the XYZ color 53.0820, 37.1321, 29.9607 looks on a white background.

Color Contrast Check

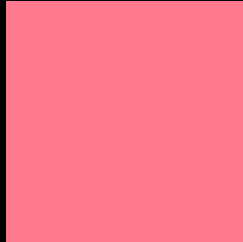
Large Text (above 18pt) WCAG AA × Fail

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 53.0820, 37.1321, 29.9607 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 53.0820, 37.1321, 29.9607

Background



This preview shows how black text looks on a background with the XYZ color 53.0820, 37.1321, 29.9607.



This preview shows how white text looks on a background with the XYZ color 53.0820, 37.1321,

29.9607.

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

53.0820, 37.1321, 29.9607

Protanopia

35.9126, 37.4467, 40.4571

Deuteranopia

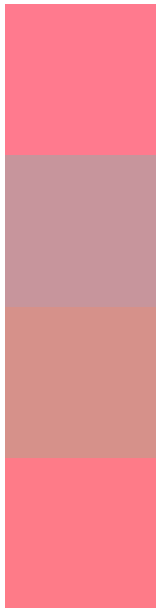
37.9060, 37.1784, 28.4708



Tritanopia

52.2456, 37.1521, 26.2472

Trichromacy



Original Color

53.0820, 37.1321, 29.9607

Protanomaly

40.3014, 36.0373, 36.2843

Deuteranomaly

42.4444, 36.3819, 28.8301

Tritanomaly

52.3999, 37.0143, 27.6752

Monochromacy



Original Color

53.0820, 37.1321, 29.9607

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.7742, 35.7655, 36.2596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0820, 37.1321, 29.9607 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 142) }
```

Border

The CSS property to change the border of an element to XYZ 53.0820, 37.1321, 29.9607 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, 142) }
```


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

```
.border{ border-color:rgb(255, 122, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0820, 37.1321, 29.9607 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
122, 142) }
```

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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