

Converting Colors

XYZ(53.3002, 37.7974, 29.3273)

Have a look what the booklet for
XYZ(53.3002, 37.7974, 29.3273)
contains.

XYZ(53.3072, 37.8207, 29.3015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.3072, 37.8207,
29.3015)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7D8C
RGB	255, 125, 140
RGB Percent	100%, 49%, 55%
CMY	0.0000, 0.5098, 0.4510
CMYK	0.00, 0.51, 0.45, 0.00
HSL	353°, 100%, 75%
HSV	353°, 51%, 100%
XYZ	53.3072, 37.8207, 29.3015
YIQ	165.5800, 72.6650, 32.2250

Conversions

Conversions Part 2

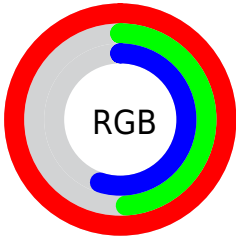
Format	Color
R _Y B	255, 125, 140
Decimal	16743820
CIE Lab	67.89, 50.75, 15.51
CIE LCh	68, 53.067, 16.995
Yxy	37.8207, 0.4426, 0.3140
Android (android.graphics.Color)	4294933900 (0xFFFF7D8C)
YUV	165.5800, -12.6109, 78.4213
Hunter-Lab	61.4985, 47.1021, 14.7998

Details

The XYZ color **53.3072, 37.8207, 29.3015** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.9476, 82.1720, 95.1445**, and the grayscale version is **36.0784, 37.9573, 41.3355**.

A 20% lighter version of the original color is **67.3895, 58.1580, 58.1259**, and **26.3468, 16.7140, 11.5104** is the 20% darker color. If you saturate the color by 10%, you get **48.9869, 31.5750, 20.4789**, and if you desaturate by 10%, it is **58.7989, 45.8637, 40.1975**.

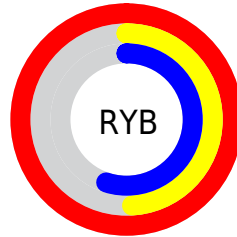
Distribution



Red (100%)

Green (49%)

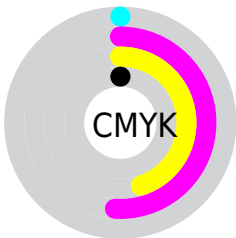
Blue (55%)



Red (100%)

Yellow (49%)

Blue (55%)

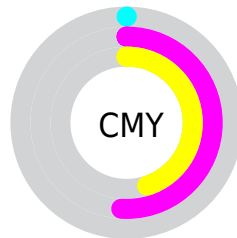


Cyan (0%)

Magenta (51%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3072, 37.8207, 29.3015 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 53.3072, 37.8207, 29.3015 by changing the saturation by 10% instead.


 53.3072, 37.8207,
29.3015


 53.3072, 37.8207,
29.3015


389.7042,
336.8502, 312.7402


 38.2765, 25.8436,
19.0615


 94.2191, 71.8332,
59.6037

 26.3756, 16.7066,
11.5374


 120.8311, 94.6374,
80.5029

 17.2390, 10.0256,
6.3109


 152.0342,
121.8194, 105.7922

 10.5014, 5.4159,
2.9632

188.1938,
153.7636, 135.8903

 5.7974, 2.4933,
1.0759

229.6752,
190.8544, 171.2156

 2.7618, 0.8733,
0.0000

276.8439,

 1.0291, 0.0000,

233.4761, 212.1866

0.0000

330.0651,
282.0133, 259.2220

■ 0.0000, 0.0000,
0.0000

■ 53.3072, 37.8207,
29.3015

■ 53.3072, 37.8207,
29.3015

■ 48.9869, 31.5750,
20.4789

■ 58.7989, 45.8637,
40.1975

■ 45.7494, 26.9827,
13.5956

■ 65.5362, 55.8215,
53.2852

■ 43.4980, 23.8878,
8.5047

■ 73.5906, 67.8086,
68.6765

■ 42.1171, 22.1013,
5.0373

■ 83.0272, 81.9289,
86.4749

■ 41.4667, 21.3507,
3.1248

■ 93.9070, 98.2789,
106.7779

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



53.6790, 37.8207, 52.2460



53.3072, 37.8207, 29.3015



47.8592, 37.8207, 16.1310

Triad

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



53.3072, 37.8207, 29.3015



25.5709, 37.8207, 17.3555



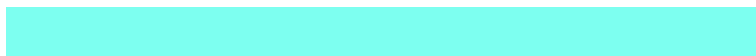
32.5021, 37.8207, 103.0158

Complementary

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



53.3072, 37.8207, 29.3015



59.9476, 82.1720, 95.1445

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.



26.1969, 37.8207, 84.0180



53.3072, 37.8207, 29.3015



22.6263, 37.8207, 31.7990

Square

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



53.3072, 37.8207, 29.3015



31.5169, 37.8207, 11.2631



22.8364, 37.8207, 55.9008



40.7748, 37.8207, 101.5178

Rectangle

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



53.3072, 37.8207, 29.3015



42.4944, 37.8207, 11.9620



22.8364, 37.8207, 55.9008



30.1100, 37.8207, 98.5805

Sweetspot

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



53.3082, 37.8227, 29.3022



79.0612, 75.9860, 79.0194



61.2634, 40.3855, 99.1736



16.4971, 15.6279, 16.1113



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.



53.3082, 37.8227, 29.3022



48.9785, 31.5628, 20.4611



60.2405, 53.3378, 26.5249



18.0946, 18.0211, 19.1151



21.6942, 11.1670, 1.7740



2.1384, 1.0977, 0.3103

Inverse Universe

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



53.3082, 37.8227, 29.3022



48.9785, 31.5628, 20.4611



48.3804, 55.3243, 102.7361



18.0946, 18.0211, 19.1151



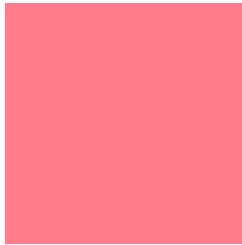
21.6942, 11.1670, 1.7740



2.1384, 1.0977, 0.3103

Previews

White Background



This preview shows how the XYZ color 53.3072, 37.8207, 29.3015 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 53.3072, 37.8207, 29.3015 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 53.3072, 37.8207, 29.3015

Background



This preview shows how black text looks on a background with the XYZ color 53.3072, 37.8207, 29.3015.



This preview shows how white text looks on a background with the XYZ color 53.3072, 37.8207,

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

53.3072, 37.8207, 29.3015

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

38.6935, 37.8550, 27.8216



Tritanopia

53.0740, 37.9310, 27.4458

Trichromacy



Original Color

53.3072, 37.8207, 29.3015

Protanomaly

40.7435, 36.5301, 35.0406

Deuteranomaly

43.1966, 37.2439, 28.2046

Tritanomaly

53.2162, 37.9879, 28.1945

Monochromacy



Original Color

53.3072, 37.8207, 29.3015

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.4411, 36.5733, 36.8262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3072, 37.8207, 29.3015 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, 125, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 140)  
}
```

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, 125, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.3072, 37.8207, 29.3015 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, 125, 140) }
```


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

```
.border{ border-color:rgb(255, 125, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3072, 37.8207, 29.3015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 140) }
```

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

```
.background{ background-color: rgb(255,  
125, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor