

Converting Colors

XYZ(53.3147, 37.1233, 24.6470)

Have a look what the booklet for
XYZ(53.3147, 37.1233, 24.6470)
contains.

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Color

**XYZ(51.9737, 36.4933,
24.7267)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7980
RGB	255, 121, 128
RGB Percent	100%, 47%, 50%
CMY	0.0000, 0.5255, 0.4980
CMYK	0.00, 0.53, 0.50, 0.00
HSL	357°, 100%, 74%
HSV	357°, 53%, 100%
XYZ	51.9737, 36.4933, 24.7267
YIQ	161.8640, 77.6170, 30.5850

Conversions

Conversions Part 2

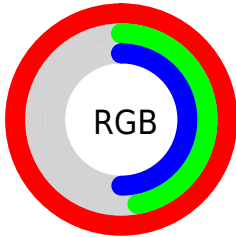
Format	Color
R_{YB}	255, 121, 128
Decimal	16742784
CIE _{Lab}	66.90, 51.56, 20.90
CIE _{LCh}	67, 55.639, 22.066
Yxy	36.4933, 0.4592, 0.3224
Android (android.graphics.Color)	4294932864 (0xFFFF7980)
YUV	161.8640, -16.6950, 81.6803
Hunter-Lab	60.4097, 47.8562, 18.0184

Details

The XYZ color **51.9737, 36.4933, 24.7267** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.5906, 82.3631, 101.5168**, and the grayscale version is **34.3305, 36.1183, 39.3328**.

A 20% lighter version of the original color is **65.1058, 55.6469, 51.0255**, and **25.6076, 15.9303, 9.1223** is the 20% darker color. If you saturate the color by 10%, you get **47.8682, 30.5323, 16.4224**, and if you desaturate by 10%, it is **57.2787, 44.2473, 35.3006**.

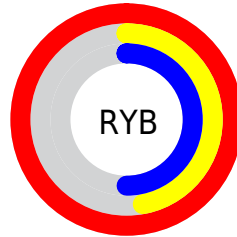
Distribution



Red (100%)

Green (47%)

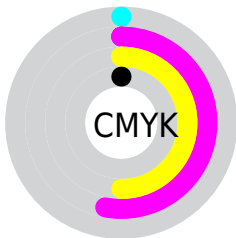
Blue (50%)



Red (100%)

Yellow (47%)

Blue (50%)

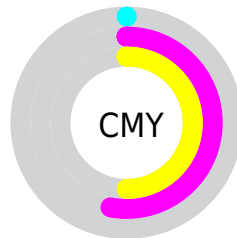


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9737, 36.4933, 24.7267 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 51.9737, 36.4933, 24.7267 by changing the saturation by 10% instead.


 51.9737, 36.4933,
24.7267


 51.9737, 36.4933,
24.7267


384.6607,
331.1116, 289.8781


 37.2083, 24.8154,
15.6564

 92.2669, 69.7928,
52.1721

 25.5432, 15.9396,
9.1296


 118.5254, 92.1832,
71.3843

 16.6131, 9.4814,
4.7279


 149.3457,
118.9132, 94.8142

 10.0526, 5.0565,
2.0326

185.0931,
150.3673, 122.8803

 5.4964, 2.2805,
0.5752

226.1329,
186.9297, 156.0012

 2.5791, 0.7633,
0.0000

272.8305,

 0.9353, 0.0000,

228.9850, 194.5955

0.0000

325.5513,
276.9175, 239.0816

■ 0.0000, 0.0000,
0.0000

■ 51.9737, 36.4933,
24.7267

■ 51.9737, 36.4933,
24.7267

■ 47.8682, 30.5323,
16.4224

■ 57.2787, 44.2473,
35.3006

■ 44.8661, 26.2155,
10.2196

■ 63.8641, 53.9162,
48.2914

■ 42.8611, 23.3800,
5.9305

■ 71.8066, 65.6176,
63.8366

■ 41.7245, 21.8266,
3.3327

■ 81.1764, 79.4583,
82.0624

■ 41.3145, 21.2898,
2.3231

■ 92.0387, 95.5376,
103.0870

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.



53.3366, 36.4933, 46.4906



51.9737, 36.4933, 24.7267



45.6309, 36.4933, 13.2218

Triad

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



51.9737, 36.4933, 24.7267



23.4111, 36.4933, 17.4897



32.4970, 36.4933, 105.6953

Complementary

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



51.9737, 36.4933, 24.7267



60.5906, 82.3631, 101.5168

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.



25.6478, 36.4933, 88.7246



51.9737, 36.4933, 24.7267



20.9852, 36.4933, 33.6678

Square

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



51.9737, 36.4933, 24.7267



28.9476, 36.4933, 10.3784



21.7320, 36.4933, 59.8426



41.1362, 36.4933, 100.1231

Rectangle

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



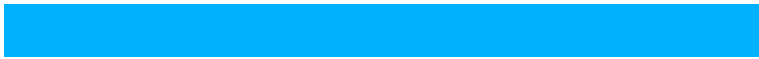
51.9737, 36.4933, 24.7267



39.9182, 36.4933, 9.9177



21.7320, 36.4933, 59.8426



29.9319, 36.4933, 102.2575

Sweetspot

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



51.9746, 36.4952, 24.7273



77.7745, 74.4294, 75.4563



62.9179, 40.5017, 99.1090



16.2309, 15.3163, 15.3417



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.



51.9746, 36.4952, 24.7273



47.7087, 30.3017, 16.0964



60.8260, 54.9094, 25.4845



18.0478, 18.0024, 18.8689



21.6035, 11.1307, 1.2964



2.1164, 1.0889, 0.1942

Inverse Universe

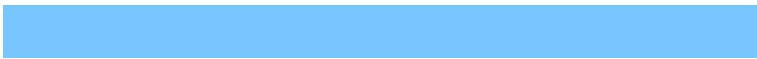
The Inverse Universe completely reimagines the original color for something new.



51.9746, 36.4952, 24.7273



47.7087, 30.3017, 16.0964



45.8882, 51.1893, 102.0695



18.0478, 18.0024, 18.8689



21.6035, 11.1307, 1.2964



2.1164, 1.0889, 0.1942

Previews

White Background



This preview shows how the XYZ color 51.9737, 36.4933, 24.7267 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 51.9737, 36.4933, 24.7267 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 51.9737, 36.4933, 24.7267

Background



This preview shows how black text looks on a background with the XYZ color 51.9737, 36.4933, 24.7267.



This preview shows how white text looks on a background with the XYZ color 51.9737, 36.4933,

24.7267.

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

51.9737, 36.4933, 24.7267

Protanopia

35.0201, 36.8786, 33.2895

Deuteranopia

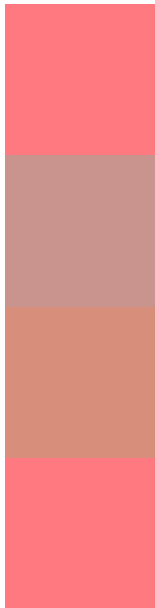
37.1395, 36.3885, 23.4786



Tritanopia

52.0398, 36.5197, 25.0751

Trichromacy



Original Color

51.9737, 36.4933, 24.7267

Protanomaly

39.4850, 35.5204, 29.9743

Deuteranomaly

41.4849, 35.5472, 23.7436

Tritanomaly

52.0398, 36.5197, 25.0751

Monochromacy



Original Color

51.9737, 36.4933, 24.7267

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.7037, 34.8052, 33.5323

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9737, 36.4933, 24.7267 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 128) }
```

Border

The CSS property to change the border of an element to XYZ 51.9737, 36.4933, 24.7267 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, 128) }
```


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

```
.border{ border-color:rgb(255, 121, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9737, 36.4933, 24.7267 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
121, 128) }
```

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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