

Converting Colors

XYZ(51.7872, 36.2252, 24.3414)

Have a look what the booklet for
XYZ(51.7872, 36.2252, 24.3414)
contains.

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Color

**XYZ(51.7872, 36.2252,
24.3414)**

Conversions

Conversions Part 1

Format	Color
Hex	FF787F
RGB	255, 120, 127
RGB Percent	100%, 47%, 50%
CMY	0.0000, 0.5294, 0.5020
CMYK	0.00, 0.53, 0.50, 0.00
HSL	357°, 100%, 74%
HSV	357°, 53%, 100%
XYZ	51.7872, 36.2252, 24.3414
YIQ	161.1630, 78.2130, 30.7970

Conversions

Conversions Part 2

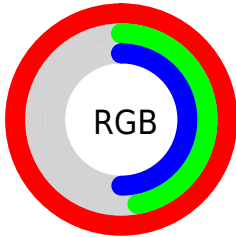
Format	Color
R _Y B	255, 120, 127
Decimal	16742527
CIE Lab	66.69, 51.95, 21.19
CIE LCh	67, 56.106, 22.189
Yxy	36.2252, 0.4609, 0.3224
Android (android.graphics.Color)	4294932607 (0xFFFF787F)
YUV	161.1630, -16.8424, 82.2950
Hunter-Lab	60.1874, 48.2594, 18.1527

Details

The XYZ color **51.7872, 36.2252, 24.3414** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.4510, 82.2911, 101.5099**, and the grayscale version is **34.0036, 35.7744, 38.9583**.

A 20% lighter version of the original color is **65.0036, 55.6060, 50.4870**, and **25.5136, 15.8000, 8.9127** is the 20% darker color. If you saturate the color by 10%, you get **47.7271, 30.3317, 16.1243**, and if you desaturate by 10%, it is **57.0436, 43.9065, 34.8232**.

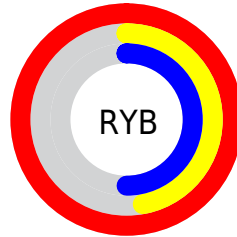
Distribution



Red (100%)

Green (47%)

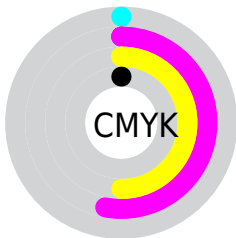
Blue (50%)



Red (100%)

Yellow (47%)

Blue (50%)

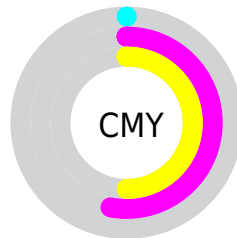


Cyan (0%)

Magenta (53%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7872, 36.2252, 24.3414 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 51.7872, 36.2252, 24.3414 by changing the saturation by 10% instead.


 51.7872, 36.2252,
24.3414


 51.7872, 36.2252,
24.3414


383.9520,
329.9438, 287.8839

 37.0591, 24.6082,
15.3725


 91.9934, 69.3795,
51.5375

 25.4271, 15.7854,
8.9317


 118.2022, 91.6856,
70.6019

 16.5260, 9.3724,
4.6005


 148.9686,
118.3235, 93.8685

 9.9903, 4.9849,
1.9602

184.6580,
149.6776, 121.7558

 5.4548, 2.2384,
0.5306

225.6356,
186.1322, 154.6825

 2.5539, 0.7408,
0.0000

272.2669,

 0.9225, 0.0000,

228.0719, 193.0671

0.0000

324.9173,
275.8810, 237.3280

■ 0.0000, 0.0000,
0.0000

■ 51.7872, 36.2252,
24.3414

■ 51.7872, 36.2252,
24.3414

■ 47.7271, 30.3317,
16.1243

■ 57.0436, 43.9065,
34.8232

■ 44.7668, 26.0765,
10.0030

■ 63.5774, 53.4980,
47.7178

■ 42.7991, 23.2956,
5.7882

■ 71.4659, 65.1179,
63.1632

■ 41.6943, 21.7880,
3.2555

■ 80.7794, 78.8731,
81.2864

■ 41.3138, 21.2895,
2.3197

■ 91.5832, 94.8633,
102.2058

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.



53.1821, 36.2252, 46.1165



51.7872, 36.2252, 24.3414



45.3919, 36.2252, 12.9069

Triad

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



51.7872, 36.2252, 24.3414



23.1168, 36.2252, 17.2288



32.2680, 36.2252, 105.9002

Complementary

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



51.7872, 36.2252, 24.3414



60.4510, 82.2911, 101.5099

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.



25.3939, 36.2252, 88.8541



51.7872, 36.2252, 24.3414



20.7040, 36.2252, 33.4467

Square

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



51.7872, 36.2252, 24.3414



28.6483, 36.2252, 10.1288



21.4634, 36.2252, 59.7719



40.9437, 36.2252, 100.1797

Rectangle

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



51.7872, 36.2252, 24.3414



39.6478, 36.2252, 9.6453



21.4634, 36.2252, 59.7719



29.6931, 36.2252, 102.4612

Sweetspot

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



51.7881, 36.2271, 24.3420



77.7725, 74.4285, 75.4456



62.7734, 40.2477, 99.0674



16.2304, 15.3161, 15.3391



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.



51.7881, 36.2271, 24.3420



47.3624, 29.8047, 15.3778



60.6514, 54.6580, 25.1252



18.0475, 18.0023, 18.8674



21.6031, 11.1305, 1.2943



2.1162, 1.0889, 0.1935

Inverse Universe

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



51.7881, 36.2271, 24.3420



47.3624, 29.8047, 15.3778



45.6504, 50.9209, 102.0300



18.0475, 18.0023, 18.8674



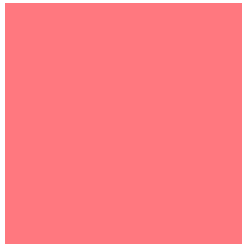
21.6031, 11.1305, 1.2943



2.1162, 1.0889, 0.1935

Previews

White Background



This preview shows how the XYZ color 51.7872, 36.2252, 24.3414 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 51.7872, 36.2252, 24.3414 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 51.7872, 36.2252, 24.3414

Background



This preview shows how black text looks on a background with the XYZ color 51.7872, 36.2252, 24.3414.



This preview shows how white text looks on a background with the XYZ color 51.7872, 36.2252,

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

51.7872, 36.2252, 24.3414

Protanopia

34.5490, 36.3823, 32.8053

Deuteranopia

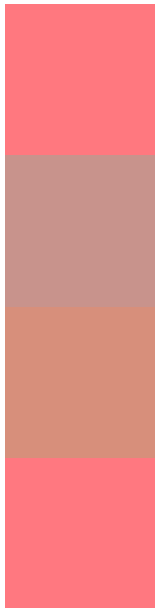
37.0779, 36.3639, 23.1539



Tritanopia

51.8528, 36.2515, 24.6864

Trichromacy



Original Color

51.7872, 36.2252, 24.3414

Protanomaly

38.9868, 35.0402, 29.5196

Deuteranomaly

41.4219, 35.5221, 23.4122

Tritanomaly

51.8528, 36.2515, 24.6864

Monochromacy



Original Color

51.7872, 36.2252, 24.3414

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.2094, 34.3298, 33.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7872, 36.2252, 24.3414 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, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 127)  
}
```

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, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 127) }
```

Border

The CSS property to change the border of an element to XYZ 51.7872, 36.2252, 24.3414 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, 120, 127) }
```


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

```
.border{ border-color:rgb(255, 120, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 120, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7872, 36.2252, 24.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 127) }
```

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

```
.background{ background-color: rgb(255,  
120, 127) }
```

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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