

Converting Colors

XYZ(53.2631, 37.1669, 24.0076)

Have a look what the booklet for
XYZ(53.2631, 37.1669, 24.0076)
contains.

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Color

**XYZ(51.8433, 36.4411,
24.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	FF797E
RGB	255, 121, 126
RGB Percent	100%, 47%, 49%
CMY	0.0000, 0.5255, 0.5059
CMYK	0.00, 0.53, 0.51, 0.00
HSL	358°, 100%, 74%
HSV	358°, 53%, 100%
XYZ	51.8433, 36.4411, 24.0401
YIQ	161.6360, 78.2590, 29.9630

Conversions

Conversions Part 2

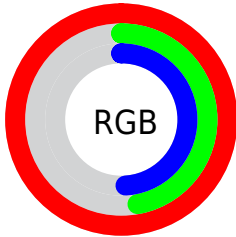
Format	Color
RYB	255, 121, 126
Decimal	16742782
CIELab	66.86, 51.39, 21.97
CIElCh	67, 55.892, 23.151
Yxy	36.4411, 0.4615, 0.3244
Android (android.graphics.Color)	4294932862 (0xFFFF797E)
YUV	161.6360, -17.5685, 81.8802
Hunter-Lab	60.3665, 47.6562, 18.6451

Details

The XYZ color **51.8433, 36.4411, 24.0401** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.9026, 82.4879, 103.1598**, and the grayscale version is **34.2275, 36.0100, 39.2149**.

A 20% lighter version of the original color is **64.9020, 55.5653, 49.9523**, and **25.5948, 16.0195, 8.7642** is the 20% darker color. If you saturate the color by 10%, you get **47.7492, 30.4847, 15.7956**, and if you desaturate by 10%, it is **57.1468, 44.1945, 34.6057**.

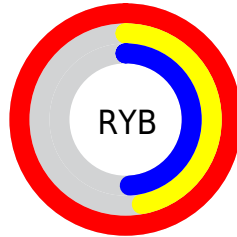
Distribution



Red (100%)

Green (47%)

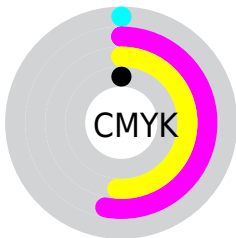
Blue (49%)



Red (100%)

Yellow (47%)

Blue (49%)

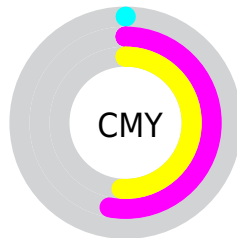


Cyan (0%)

Magenta (53%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8433, 36.4411, 24.0401 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 51.8433, 36.4411, 24.0401 by changing the saturation by 10% instead.


 51.8433, 36.4411,
24.0401


 51.8433, 36.4411,
24.0401


384.1653,
330.8844, 286.3162

 37.1040, 24.7751,
15.1509

 92.0757, 69.7124,
51.0403

 25.4620, 15.9095,
8.7776

 118.2995, 92.0864,
69.9883

 16.5522, 9.4602,
4.5015


 149.0821,
118.7985, 93.1264

 10.0090, 5.0425,
1.9043

184.7889,
150.2331, 120.8731

 5.4673, 2.2722,
0.4955

225.7852,
186.7746, 153.6469

 2.5615, 0.7590,
0.0000

272.4365,

 0.9264, 0.0000,

228.8074, 191.8663

0.0000

325.1081,
276.7159, 235.9499

■ 0.0000, 0.0000,
0.0000

■ 51.8433, 36.4411,
24.0401

■ 51.8433, 36.4411,
24.0401

■ 47.7492, 30.4847,
15.7956

■ 57.1468, 44.1945,
34.6057

■ 44.7666, 26.1757,
9.6959

■ 63.7417, 53.8671,
47.6471

■ 42.7874, 23.3505,
5.5425

■ 71.7062, 65.5773,
63.3079

■ 41.6801, 21.8089,
3.0990

■ 81.1114, 79.4322,
81.7203

■ 41.2920, 21.2808,
2.2041

■ 92.0235, 95.5314,
103.0073

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.



53.4207, 36.4411, 45.4954



51.8433, 36.4411, 24.0401



45.3325, 36.4411, 12.8604

Triad

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



51.8433, 36.4411, 24.0401



23.1848, 36.4411, 17.7890



32.7328, 36.4411, 106.2069

Complementary

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



51.8433, 36.4411, 24.0401



60.9026, 82.4879, 103.1598

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.



25.7705, 36.4411, 89.8323



51.8433, 36.4411, 24.0401



20.8693, 36.4411, 34.3792

Square

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



51.8433, 36.4411, 24.0401



28.6281, 36.4411, 10.4137



21.7323, 36.4411, 60.9492



41.4310, 36.4411, 99.7529

Rectangle

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



51.8433, 36.4411, 24.0401



39.5668, 36.4411, 9.7123



21.7323, 36.4411, 60.9492



30.1332, 36.4411, 103.0256

Sweetspot

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



51.8442, 36.4430, 24.0407



77.6958, 74.3978, 75.0416



63.7062, 40.9080, 99.1459



16.2124, 15.3089, 15.2445



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.



51.8442, 36.4430, 24.0407



47.5905, 30.2544, 15.4735



61.2774, 55.8123, 25.6349



18.0368, 17.9980, 18.8110



21.5878, 11.1244, 1.2141



2.1111, 1.0868, 0.1667

Inverse Universe

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



51.8442, 36.4430, 24.0407



47.5905, 30.2544, 15.4735



45.3850, 50.1830, 101.9017



18.0368, 17.9980, 18.8110



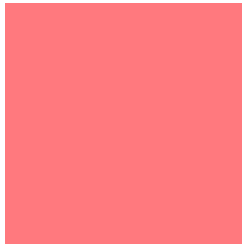
21.5878, 11.1244, 1.2141



2.1111, 1.0868, 0.1667

Previews

White Background



This preview shows how the XYZ color 51.8433, 36.4411, 24.0401 looks on a white background.

Color Contrast Check

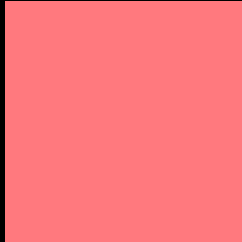
Large Text (above 18pt) WCAG AA × Fail

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 51.8433, 36.4411, 24.0401 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 51.8433, 36.4411, 24.0401

Background



This preview shows how black text looks on a background with the XYZ color 51.8433, 36.4411, 24.0401.



This preview shows how white text looks on a background with the XYZ color 51.8433, 36.4411,

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

51.8433, 36.4411, 24.0401

Protanopia

34.8631, 36.8158, 32.4628

Deuteranopia

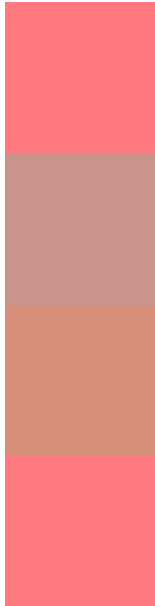
37.2710, 36.4705, 22.8444



Tritanopia

52.0398, 36.5197, 25.0751

Trichromacy



Original Color

51.8433, 36.4411, 24.0401

Protanomaly

39.3375, 35.4614, 29.1975

Deuteranomaly

41.6542, 35.6490, 23.0979

Tritanomaly

51.9737, 36.4933, 24.7267

Monochromacy



Original Color

51.8433, 36.4411, 24.0401

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

38.6235, 34.7731, 33.1100

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8433, 36.4411, 24.0401 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, 126)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 126)  
}
```

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, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 126) }
```

Border

The CSS property to change the border of an element to XYZ 51.8433, 36.4411, 24.0401 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, 126) }
```


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

```
.border{ border-color:rgb(255, 121, 126) }
```

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, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 126);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8433, 36.4411, 24.0401 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, 126) }
```

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

```
.background{ background-color: rgb(255,  
121, 126) }
```

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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