

Converting Colors

XYZ(51.8608, 36.5400, 23.8490)

Have a look what the booklet for
XYZ(51.8608, 36.5400, 23.8490)
contains.

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Color

**XYZ(51.7790, 36.4154,
23.7019)**

Conversions

Conversions Part 1

Format	Color
Hex	FF797D
RGB	255, 121, 125
RGB Percent	100%, 47%, 49%
CMY	0.0000, 0.5255, 0.5098
CMYK	0.00, 0.53, 0.51, 0.00
HSL	358°, 100%, 74%
HSV	358°, 53%, 100%
XYZ	51.7790, 36.4154, 23.7019
YIQ	161.5220, 78.5800, 29.6520

Conversions

Conversions Part 2

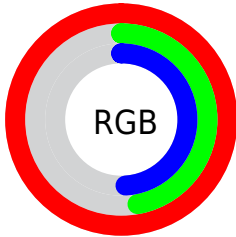
Format	Color
R_{YB}	255, 121, 125
Decimal	16742781
CIE _{Lab}	66.84, 51.31, 22.51
CIE _{LCh}	67, 56.027, 23.689
Yxy	36.4154, 0.4627, 0.3254
Android (android.graphics.Color)	4294932861 (0xFFFF797D)
YUV	161.5220, -18.0053, 81.9802
Hunter-Lab	60.3452, 47.5573, 18.9542

Details

The XYZ color **51.7790, 36.4154, 23.7019** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61.0598, 82.5506, 103.9879**, and the grayscale version is **34.1761, 35.9559, 39.1560**.

A 20% lighter version of the original color is **64.8012, 55.5250, 49.4215**, and **25.5598, 16.0054, 8.5797** is the 20% darker color. If you saturate the color by 10%, you get **47.6909, 30.4613, 15.4890**, and if you desaturate by 10%, it is **57.0814, 44.1684, 34.2618**.

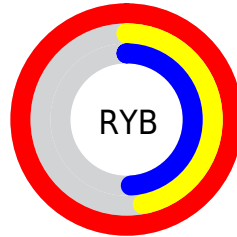
Distribution



Red (100%)

Green (47%)

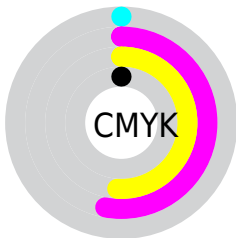
Blue (49%)



Red (100%)

Yellow (47%)

Blue (49%)

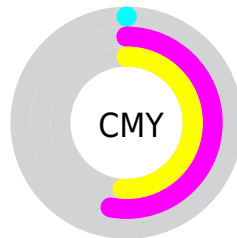


Cyan (0%)

Magenta (53%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7790, 36.4154, 23.7019 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 51.7790, 36.4154, 23.7019 by changing the saturation by 10% instead.


 51.7790, 36.4154,
23.7019


 51.7790, 36.4154,
23.7019


383.9208,
330.7726, 284.5478

 37.0525, 24.7552,
14.9025


 91.9814, 69.6727,
50.4810

 25.4220, 15.8948,
8.6051


 118.1880, 92.0387,
69.2978

 16.5221, 9.4497,
4.3912


 148.9520,
118.7419, 92.2908

 9.9876, 5.0357,
1.8423

184.6388,
150.1670, 119.8785

 5.4529, 2.2682,
0.4557

225.6137,
186.6982, 152.4796

 2.5528, 0.7568,
0.0000

272.2421,

 0.9220, 0.0000,

228.7199, 190.5124

0.0000

324.8894,
276.6166, 234.3956

■ 0.0000, 0.0000,
0.0000

■ 51.7790, 36.4154,
23.7019

■ 51.7790, 36.4154,
23.7019

■ 47.6909, 30.4613,
15.4890

■ 57.0814, 44.1684,
34.2618

■ 44.7184, 26.1564,
9.4423

■ 63.6809, 53.8428,
47.3272

■ 42.7523, 23.3365,
5.3578

■ 71.6561, 65.5573,
63.0448

■ 41.6597, 21.8007,
2.9919

■ 81.0789, 79.4192,
81.5496

■ 41.2814, 21.2765,
2.1492

■ 92.0159, 95.5284,
102.9676

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.



53.4636, 36.4154, 45.0041



51.7790, 36.4154, 23.7019



45.1845, 36.4154, 12.6823

Triad

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



51.7790, 36.4154, 23.7019



23.0725, 36.4154, 17.9397



32.8514, 36.4154, 106.4654

Complementary

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



51.7790, 36.4154, 23.7019



61.0598, 82.5506, 103.9879

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.



25.8321, 36.4154, 90.3910



51.7790, 36.4154, 23.7019



20.8115, 36.4154, 34.7387

Square

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



51.7790, 36.4154, 23.7019



28.4695, 36.4154, 10.4313



21.7325, 36.4154, 61.5082



41.5794, 36.4154, 99.5704

Rectangle

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



51.7790, 36.4154, 23.7019



39.3924, 36.4154, 9.6106



21.7325, 36.4154, 61.5082



30.2344, 36.4154, 103.4130

Sweetspot

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



51.7799, 36.4173, 23.7025



77.6565, 74.3821, 74.8347



64.5039, 41.3193, 99.1830



16.2032, 15.3052, 15.1961



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.



51.7799, 36.4173, 23.7025



47.5326, 30.2313, 15.1688



61.7361, 56.7297, 25.7879



18.0313, 17.9958, 18.7821



21.5800, 11.1213, 1.1729



2.1085, 1.0858, 0.1530

Inverse Universe

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



51.7799, 36.4173, 23.7025



47.5326, 30.2313, 15.1688



44.8893, 49.1916, 101.7363



18.0313, 17.9958, 18.7821



21.5800, 11.1213, 1.1729



2.1085, 1.0858, 0.1530

Previews

White Background



This preview shows how the XYZ color 51.7790, 36.4154, 23.7019 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 51.7790, 36.4154, 23.7019 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 51.7790, 36.4154, 23.7019

Background



This preview shows how black text looks on a background with the XYZ color 51.7790, 36.4154, 23.7019.



This preview shows how white text looks on a background with the XYZ color 51.7790, 36.4154,

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

51.7790, 36.4154, 23.7019

Protanopia

34.7856, 36.7848, 32.0548

Deuteranopia

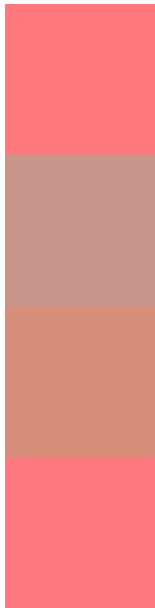
37.2106, 36.4463, 22.5264



Tritanopia

52.0398, 36.5197, 25.0751

Trichromacy



Original Color

51.7790, 36.4154, 23.7019

Protanomaly

39.2647, 35.4323, 28.8144

Deuteranomaly

41.5926, 35.6243, 22.7732

Tritanomaly

51.9737, 36.4933, 24.7267

Monochromacy



Original Color

51.7790, 36.4154, 23.7019

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 51.7790, 36.4154, 23.7019 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 125) }
```

Border

The CSS property to change the border of an element to XYZ 51.7790, 36.4154, 23.7019 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, 125) }
```


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

```
.border{ border-color:rgb(255, 121, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7790, 36.4154, 23.7019 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, 125) }
```

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

```
.background{ background-color: rgb(255,  
121, 125) }
```

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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