

Converting Colors

XYZ(51.3036, 36.6182, 19.9868)

Have a look what the booklet for
XYZ(51.3036, 36.6182, 19.9868)
contains.

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Color

**XYZ(51.3036, 36.6182,
19.9868)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7B71
RGB	255, 123, 113
RGB Percent	100%, 48%, 44%
CMY	0.0000, 0.5176, 0.5569
CMYK	0.00, 0.52, 0.56, 0.00
HSL	4°, 100%, 72%
HSV	4°, 56%, 100%
XYZ	51.3036, 36.6182, 19.9868
YIQ	161.3280, 81.8820, 24.8740

Conversions

Conversions Part 2

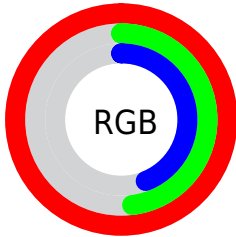
Format	Color
R_{YB}	255, 124, 113
Decimal	16743281
CIE _{Lab}	66.99, 49.39, 29.42
CIE _{LCh}	67, 57.490, 30.781
Yxy	36.6182, 0.4754, 0.3393
Android (android.graphics.Color)	4294933361 (0xFFFF7B71)
YUV	161.3280, -23.8257, 82.1503
Hunter-Lab	60.5130, 45.4367, 22.7762

Details

The XYZ color **51.3036, 36.6182, 19.9868** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.5102, 76.0308, 106.2516**, and the grayscale version is **34.1108, 35.8872, 39.0812**.

A 20% lighter version of the original color is **63.9519, 55.8174, 43.0005**, and **25.0746, 15.9754, 6.7630** is the 20% darker color. If you saturate the color by 10%, you get **47.4715, 30.9379, 12.5941**, and if you desaturate by 10%, it is **56.2525, 43.8871, 29.7416**.

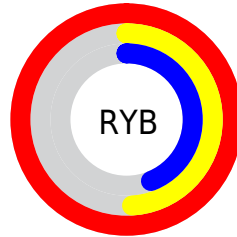
Distribution



Red (100%)

Green (48%)

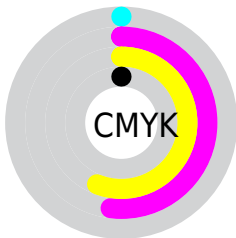
Blue (44%)



Red (100%)

Yellow (49%)

Blue (44%)

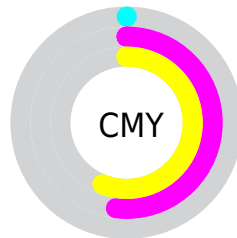


Cyan (0%)

Magenta (52%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3036, 36.6182, 19.9868 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 51.3036, 36.6182, 19.9868 by changing the saturation by 10% instead.


 51.3036, 36.6182,
19.9868


 51.3036, 36.6182,
19.9868


382.1104,
331.6546, 264.4455

 36.6723, 24.9120,
12.2015


 91.2837, 69.9852,
44.2537


 25.1264, 16.0115,
6.7568


 117.3632, 92.4148,
61.5724

 16.3005, 9.5323,
3.2344


 147.9896,
119.1876, 82.9060

 9.8292, 5.0900,
1.2155

 183.5280,
150.6881, 108.6729

 5.3473, 2.3002,
0.0000

224.3440,
187.3007, 139.2918

 2.4893, 0.7738,
0.0000

270.8028,

 0.8898, 0.0000,

229.4097, 175.1812

0.0000

323.2698,
277.3995, 216.7596

■ 0.0000, 0.0000,
0.0000

■ 51.3036, 36.6182,
19.9868

■ 51.3036, 36.6182,
19.9868

■ 47.4715, 30.9379,
12.5941

■ 56.2525, 43.8871,
29.7416

■ 44.6665, 26.7220,
7.3613

■ 62.3932, 52.8452,
42.0341

■ 42.7895, 23.8374,
4.0553

■ 69.7974, 63.5914,
57.0253

■ 41.7202, 22.1239,
2.3881

■ 78.5303, 76.2156,
74.8626

■ 41.4556, 21.6916,
2.0019

■ 88.6527, 90.8014,
95.6826

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.



54.4246, 36.6182, 39.2193



51.3036, 36.6182, 19.9868



43.6554, 36.6182, 10.9160

Triad

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



51.3036, 36.6182, 19.9868



22.1171, 36.6182, 20.7116



35.0338, 36.6182, 109.8169

Complementary

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



51.3036, 36.6182, 19.9868



57.5102, 76.0308, 106.2516

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.



27.2388, 36.6182, 98.2426



51.3036, 36.6182, 19.9868



20.5772, 36.6182, 40.5298

Square

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



51.3036, 36.6182, 19.9868



26.9037, 36.6182, 11.1946



22.2866, 36.6182, 69.8695



44.1180, 36.6182, 97.0521

Rectangle

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



51.3036, 36.6182, 19.9868



37.5627, 36.6182, 8.7595



22.2866, 36.6182, 69.8695



32.1847, 36.6182, 108.6104

Sweetspot

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



51.3045, 36.6202, 19.9874



77.3050, 74.4466, 72.3513



63.7080, 39.6956, 91.1176



16.1552, 15.3697, 14.6855



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.



51.3045, 36.6202, 19.9874



47.0464, 30.3030, 11.7878



63.3938, 60.7988, 24.0172



18.1122, 18.1925, 18.7012



21.6989, 11.4090, 1.0585



2.1469, 1.1792, 0.1144

Inverse Universe

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



57.5102, 76.0308, 106.2516



53.7581, 73.1887, 105.9012



40.0995, 41.2095, 100.4481



18.4388, 20.2493, 23.1866



25.3065, 35.5226, 54.9573



2.4955, 3.5218, 5.3615

Previews

White Background



This preview shows how the XYZ color 51.3036, 36.6182, 19.9868 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 51.3036, 36.6182, 19.9868 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 51.3036, 36.6182, 19.9868

Background



This preview shows how black text looks on a background with the XYZ color 51.3036, 36.6182, 19.9868.



This preview shows how white text looks on a background with the XYZ color 51.3036, 36.6182,

19.9868.

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

51.3036, 36.6182, 19.9868

Protanopia

34.6495, 36.8317, 26.7557

Deuteranopia

37.3073, 36.5742, 19.0031



Tritanopia

52.1066, 36.5465, 25.4269

Trichromacy



Original Color

51.3036, 36.6182, 19.9868

Protanomaly

38.8566, 35.3316, 23.8405

Deuteranomaly

41.3488, 35.8024, 19.1992

Tritanomaly

51.8376, 36.6343, 23.4078

Monochromacy



Original Color

51.3036, 36.6182, 19.9868

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.9734, 34.4832, 31.0401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3036, 36.6182, 19.9868 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, 123, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 113)  
}
```

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, 123, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 113) }
```

Border

The CSS property to change the border of an element to XYZ 51.3036, 36.6182, 19.9868 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, 123, 113) }
```


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

```
.border{ border-color:rgb(255, 123, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3036, 36.6182, 19.9868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 113) }
```

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

```
.background{ background-color: rgb(255,  
123, 113) }
```

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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