

Converting Colors

XYZ(51.3338, 36.9135, 23.8047)

Have a look what the booklet for
XYZ(51.3338, 36.9135, 23.8047)
contains.

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Color

**XYZ(51.1802, 36.8433,
23.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7D7D
RGB	252, 125, 125
RGB Percent	99%, 49%, 49%
CMY	0.0118, 0.5098, 0.5098
CMYK	0.00, 0.50, 0.50, 0.01
HSL	0°, 95%, 74%
HSV	0°, 50%, 99%
XYZ	51.1802, 36.8433, 23.8160
YIQ	162.9730, 75.6920, 26.9240

Conversions

Conversions Part 2

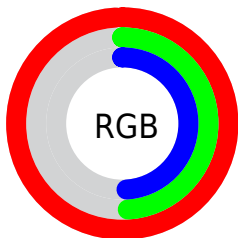
Format	Color
R _Y B	252, 125, 125
Decimal	16547197
CIE Lab	67.16, 48.33, 22.87
CIE LCh	67, 53.473, 25.327
Yxy	36.8433, 0.4576, 0.3294
Android (android.graphics.Color)	4294737277 (0xFFFC7D7D)
YUV	162.9730, -18.7207, 78.0767
Hunter-Lab	60.6987, 44.2858, 19.2258

Details

The XYZ color **51.1802, 36.8433, 23.8160** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.8365, 81.0049, 104.5244**, and the grayscale version is **34.8616, 36.6772, 39.9414**.

A 20% lighter version of the original color is **65.5971, 57.1169, 49.6868**, and **25.0436, 16.1046, 8.6260** is the 20% darker color. If you saturate the color by 10%, you get **46.9743, 30.6894, 15.4540**, and if you desaturate by 10%, it is **56.6053, 44.7825, 34.5995**.

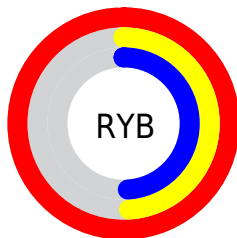
Distribution



Red (99%)

Green (49%)

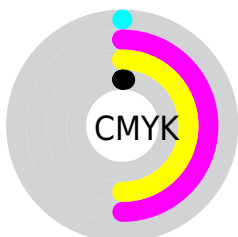
Blue (49%)



Red (99%)

Yellow (49%)

Blue (49%)

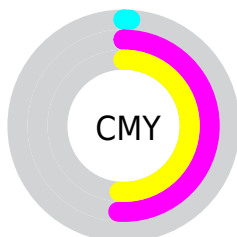


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (1%)



Cyan (1%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1802, 36.8433, 23.8160 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 51.1802, 36.8433, 23.8160 by changing the saturation by 10% instead.


 51.1802, 36.8433,
23.8160


 51.1802, 36.8433,
23.8160

381.6396,
332.6316, 285.1455

 36.5737, 25.0862,
14.9862


 91.1025, 70.3317,
50.6698

 25.0497, 16.1413,
8.6632


 117.1490, 92.8318,
69.5310

 16.2430, 9.6242,
4.4284


 147.7394,
119.6817, 92.5730

 9.7882, 5.1505,
1.8632

183.2393,
151.2657, 120.2145

 5.3200, 2.3358,
0.4691

224.0139,
187.9684, 152.8739

 2.4729, 0.7926,
0.0000

270.4286,

 0.8816, 0.0000,

230.1739, 190.9699

0.0000

322.8487,
278.2669, 234.9209

■ 0.0000, 0.0000,
0.0000

■ 51.1802, 36.8433,
23.8160

■ 51.1802, 36.8433,
23.8160

■ 46.9743, 30.6894,
15.4540

■ 56.6053, 44.7825,
34.5995

■ 43.8909, 26.1774,
9.3247

■ 63.3310, 54.6241,
47.9698

■ 41.8233, 23.1518,
5.2147

■ 71.4349, 66.4824,
64.0799

■ 40.6428, 21.4243,
2.8683

■ 80.9876, 80.4607,
83.0703

■ 40.1450, 20.6957,
1.8788

■ 92.0550, 96.6554,
105.0721

93.9548, 99.4354,
108.8487

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.0760, 36.8433, 43.8851



51.1802, 36.8433, 23.8160



44.7123, 36.8433, 13.3675

Triad

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



51.1802, 36.8433, 23.8160



23.6462, 36.8433, 19.6163



33.7571, 36.8433, 103.5393

Complementary

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



51.1802, 36.8433, 23.8160



60.8365, 81.0049, 104.5244

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.



26.8379, 36.8433, 89.5084



51.1802, 36.8433, 23.8160



21.6058, 36.8433, 36.5693

Square

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



51.1802, 36.8433, 23.8160



28.7330, 36.8433, 11.6858



22.6770, 36.8433, 62.5427



42.1596, 36.8433, 95.8987

Rectangle

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



51.1802, 36.8433, 23.8160



39.1402, 36.8433, 10.4775



22.6770, 36.8433, 62.5427



31.1967, 36.8433, 101.0854

Sweetspot

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



51.1811, 36.8452, 23.8167



78.4809, 75.7547, 75.9610



65.0492, 42.3912, 96.8492



16.3598, 15.5732, 15.3873



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.



51.1811, 36.8452, 23.8167



48.3904, 31.7236, 16.1432



61.9369, 58.3567, 27.4019



17.2448, 17.2254, 17.8783



20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



60.8365, 81.0049, 104.5244



59.2870, 81.5598, 107.2256



44.1186, 47.5689, 98.9517



17.7658, 19.6085, 22.2337



27.2838, 39.9232, 54.2415



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 51.1802, 36.8433, 23.8160 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 51.1802, 36.8433, 23.8160 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 51.1802, 36.8433, 23.8160

Background



This preview shows how black text looks on a background with the XYZ color 51.1802, 36.8433, 23.8160.



This preview shows how white text looks on a background with the XYZ color 51.1802, 36.8433,

23.8160.

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

51.1802, 36.8433, 23.8160

Protanopia

35.0684, 36.9482, 31.2700

Deuteranopia

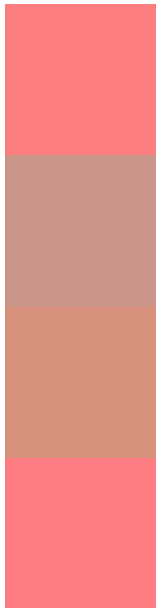
37.6953, 36.9393, 22.9126



Tritanopia

51.9493, 36.9914, 26.5923

Trichromacy



Original Color

51.1802, 36.8433, 23.8160

Protanomaly

39.2788, 35.6900, 28.1112

Deuteranomaly

41.6626, 36.1030, 23.1851

Tritanomaly

51.7449, 36.9097, 25.5161

Monochromacy



Original Color

51.1802, 36.8433, 23.8160

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

38.6779, 35.2669, 33.2024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1802, 36.8433, 23.8160 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(252, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(252, 125, 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(252, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 125, 125) }
```

Border

The CSS property to change the border of an element to XYZ 51.1802, 36.8433, 23.8160 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(252, 125, 125) }
```


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

```
.border{ border-color:rgb(252, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(252, 125,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1802, 36.8433, 23.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 125, 125) }
```

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

```
.background{ background-color: rgb(252,  
125, 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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