

Converting Colors

XYZ(51.8986, 37.6255, 27.7650)

Have a look what the booklet for
XYZ(51.8986, 37.6255, 27.7650)
contains.

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Color

**XYZ(51.9468, 37.7251,
27.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8088
RGB	251, 128, 136
RGB Percent	98%, 50%, 53%
CMY	0.0157, 0.4980, 0.4667
CMYK	0.00, 0.49, 0.46, 0.02
HSL	356°, 94%, 74%
HSV	356°, 49%, 98%
XYZ	51.9468, 37.7251, 27.8363
YIQ	165.6890, 70.7400, 28.5640

Conversions

Conversions Part 2

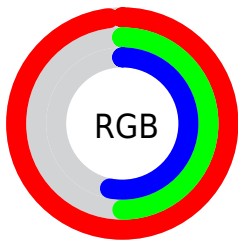
Format	Color
R_{YB}	251, 128, 136
Decimal	16482440
CIE _{Lab}	67.82, 47.52, 17.58
CIE _{LCh}	68, 50.664, 20.301
Yxy	37.7251, 0.4421, 0.3210
Android (android.graphics.Color)	4294672520 (0xFFFB8088)
YUV	165.6890, -14.6367, 74.8177
Hunter-Lab	61.4208, 43.4806, 16.1239

Details

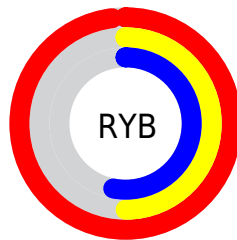
The XYZ color **51.9468, 37.7251, 27.8363** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.5790, 80.0555, 97.1111**, and the grayscale version is **36.1409, 38.0231, 41.4071**.

A 20% lighter version of the original color is **67.3588, 58.8011, 55.9437**, and **25.4310, 16.6512, 10.6777** is the 20% darker color. If you saturate the color by 10%, you get **47.5790, 31.3730, 19.0330**, and if you desaturate by 10%, it is **57.4913, 45.8464, 38.8340**.

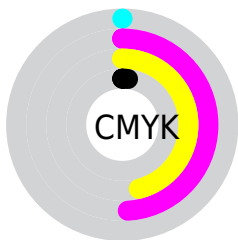
Distribution



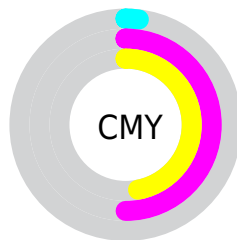
- Red (98%)
- Green (50%)
- Blue (53%)



- Red (98%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (49%)
- Yellow (46%)
- Black (2%)




- Cyan (2%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9468, 37.7251, 27.8363 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 51.9468, 37.7251, 27.8363 by changing the saturation by 10% instead.

 51.9468, 37.7251,
27.8363


 51.9468, 37.7251,
27.8363


384.5585,
336.4392, 305.5712


 37.1868, 25.7694,
17.9643


 92.2275, 71.6866,
57.2429

 25.5265, 16.6512,
10.7552


 118.4788, 94.4612,
77.6147

 16.6005, 9.9861,
5.7904

 149.2913,
121.6108, 102.3234

 10.0436, 5.3898,
2.6513

185.0303,
153.5200, 131.7877

 5.4904, 2.4777,
0.9188

226.0612,
190.5730, 166.4261

 2.5754, 0.8654,
0.0000

272.7493,

 0.9335, 0.0000,

233.1543, 206.6571

0.0000

325.4599,
281.6482, 252.8993

■ 0.0000, 0.0000,
0.0000

■ 51.9468, 37.7251,
27.8363

■ 51.9468, 37.7251,
27.8363

■ 47.5790, 31.3730,
19.0330

■ 57.4913, 45.8464,
38.8340

■ 44.3002, 26.6530,
12.2749

■ 64.2861, 55.8489,
52.1577

■ 42.0149, 23.4174,
7.3974


■ 72.4023, 67.8424,
67.9309

■ 40.6098, 21.4893,
4.2098

■ 81.9047, 81.9265,
86.2679

■ 39.9255, 20.6095,
2.4746

■ 92.8538, 98.1943,
107.2758

 39.8795, 20.5476,
2.3668

 93.5936, 99.2492,
108.8318

Harmonies

Analogous

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



52.8760, 37.7251, 48.7927



51.9468, 37.7251, 27.8363



46.3810, 37.7251, 15.9961

Triad

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



51.9468, 37.7251, 27.8363



25.4573, 37.7251, 19.1992



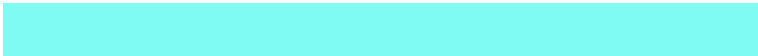
33.3748, 37.7251, 100.0722

Complementary

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



51.9468, 37.7251, 27.8363



59.5790, 80.0555, 97.1111

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.



27.0584, 37.7251, 84.0891



51.9468, 37.7251, 27.8363



22.9479, 37.7251, 34.2195

Square

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



51.9468, 37.7251, 27.8363



30.8733, 37.7251, 12.4203



23.4879, 37.7251, 57.9627



41.3492, 37.7251, 96.3776

Rectangle

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



51.9468, 37.7251, 27.8363



41.1855, 37.7251, 12.3504



23.4879, 37.7251, 57.9627



31.0084, 37.7251, 96.6523

Sweetspot

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



51.9478, 37.7271, 27.8370



78.8057, 75.8838, 77.6744



62.0260, 41.4245, 95.9934



16.4366, 15.6037, 15.7925



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.



51.9478, 37.7271, 27.8370



49.3018, 32.4941, 19.6912



60.2662, 55.2395, 27.9105



17.2904, 17.2435, 18.1188



20.9799, 10.8077, 1.3367



1.9586, 1.0072, 0.2054

Inverse Universe

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



51.9478, 37.7271, 27.8370



49.3018, 32.4941, 19.6912



46.4420, 51.8074, 98.8188



17.2904, 17.2435, 18.1188



20.9799, 10.8077, 1.3367



1.9586, 1.0072, 0.2054

Previews

White Background



This preview shows how the XYZ color 51.9468, 37.7251, 27.8363 looks on a white background.

Color Contrast Check

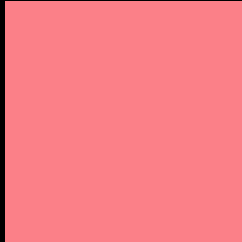
Large Text (above 18pt) WCAG AA × Fail

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 51.9468, 37.7251, 27.8363 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 51.9468, 37.7251, 27.8363

Background



This preview shows how black text looks on a background with the XYZ color 51.9468, 37.7251, 27.8363.



This preview shows how white text looks on a background with the XYZ color 51.9468, 37.7251,

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

51.9468, 37.7251, 27.8363

Protanopia

36.1661, 37.9348, 36.4263

Deuteranopia

38.4872, 37.7724, 26.7350



Tritanopia

52.0182, 37.7537, 28.2124

Trichromacy



Original Color

51.9468, 37.7251, 27.8363

Protanomaly

40.3929, 36.8740, 33.0054

Deuteranomaly

42.5551, 37.1694, 27.1218

Tritanomaly

52.0182, 37.7537, 28.2124

Monochromacy



Original Color

51.9468, 37.7251, 27.8363

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.1706, 36.6933, 35.9757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9468, 37.7251, 27.8363 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(251, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(251, 128, 136)  
}
```

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(251, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 128, 136) }
```

Border

The CSS property to change the border of an element to XYZ 51.9468, 37.7251, 27.8363 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(251, 128, 136) }
```


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

```
.border{ border-color:rgb(251, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(251, 128,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9468, 37.7251, 27.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 128, 136) }
```

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

```
.background{ background-color: rgb(251,  
128, 136) }
```

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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