

Converting Colors

XYZ(51.3716, 37.1235, 24.1966)

Have a look what the booklet for
XYZ(51.3716, 37.1235, 24.1966)
contains.

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Color

**XYZ(51.3716, 37.1235,
24.1966)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7E7E
RGB	252, 126, 126
RGB Percent	99%, 49%, 49%
CMY	0.0118, 0.5059, 0.5059
CMYK	0.00, 0.50, 0.50, 0.01
HSL	0°, 95%, 74%
HSV	0°, 50%, 99%
XYZ	51.3716, 37.1235, 24.1966
YIQ	163.6740, 75.0960, 26.7120

Conversions

Conversions Part 2

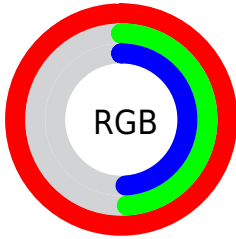
Format	Color
R _Y B	252, 126, 126
Decimal	16547454
CIE Lab	67.37, 47.93, 22.60
CIE LCh	67, 52.993, 25.242
Yxy	37.1235, 0.4559, 0.3294
Android (android.graphics.Color)	4294737534 (0xFFFC7E7E)
YUV	163.6740, -18.5733, 77.4619
Hunter-Lab	60.9291, 43.8743, 19.1047

Details

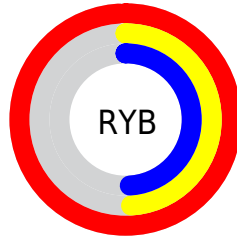
The XYZ color **51.3716, 37.1235, 24.1966** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.9830, 81.0801, 104.5310**, and the grayscale version is **35.1932, 37.0260, 40.3214**.

A 20% lighter version of the original color is **65.9006, 57.5624, 50.2851**, and **25.1428, 16.2469, 8.8320** is the 20% darker color. If you saturate the color by 10%, you get **47.1191, 30.9014, 15.7420**, and if you desaturate by 10%, it is **56.8468, 45.1360, 35.0797**.

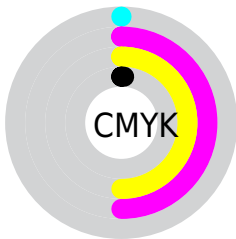
Distribution



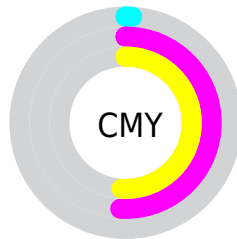
- Red (99%)
- Green (49%)
- Blue (49%)



- 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 51.3716, 37.1235, 24.1966 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 51.3716, 37.1235, 24.1966 by changing the saturation by 10% instead.


 51.3716, 37.1235,
24.1966


 51.3716, 37.1235,
24.1966


382.3697,
333.8449, 287.1314


 36.7267, 25.3031,
15.2660


 91.3835, 70.7627,
51.2987

 25.1686, 16.3030,
8.8576


 117.4813, 93.3503,
70.3072

 16.3321, 9.7388,
4.5529

 148.1273,
120.2958, 93.5121

 9.8518, 5.2261,
1.9333

183.6870,
151.9835, 121.3320

 5.3623, 2.3806,
0.5138

224.5258,
188.7979, 154.1853

 2.4983, 0.8159,
0.0000


271.0089,


 0.8944, 0.0000,


231.1233, 192.4906


0.0000


323.5018,
279.3442, 236.6665


 0.0000, 0.0000,
0.0000


 51.3716, 37.1235,
24.1966


 51.3716, 37.1235,
24.1966


 47.1191, 30.9014,
15.7420


 56.8468, 45.1360,
35.0797


 43.9931, 26.3270,
9.5279


 63.6258, 55.0556,
48.5559


 41.8874, 23.2457,
5.3423

 71.7858, 66.9960,
64.7776

 40.6746, 21.4708,
2.9316

 81.3973, 81.0604,
83.8850

 40.1449, 20.6957,
1.8788

 92.5261, 97.3449,
106.0088

■ 40.1449, 20.6957,
1.8788

93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



53.2394, 37.1235, 44.2440



51.3716, 37.1235, 24.1966



44.9535, 37.1235, 13.6935

Triad

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



51.3716, 37.1235, 24.1966



23.9509, 37.1235, 19.9153



34.0057, 37.1235, 103.3471

Complementary

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



51.3716, 37.1235, 24.1966



60.9830, 81.0801, 104.5310

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.



27.1125, 37.1235, 89.3989



51.3716, 37.1235, 24.1966



21.9025, 37.1235, 36.8252

Square

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



51.3716, 37.1235, 24.1966



29.0377, 37.1235, 11.9693



22.9647, 37.1235, 62.6404



42.3691, 37.1235, 95.8426

Rectangle

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



51.3716, 37.1235, 24.1966



39.4125, 37.1235, 10.7704



22.9647, 37.1235, 62.6404



31.4558, 37.1235, 100.8971

Sweetspot

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



51.3725, 37.1254, 24.1973



78.4809, 75.7548, 75.9610



65.1763, 42.6456, 96.8913



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.



51.3725, 37.1254, 24.1973



48.3905, 31.7237, 16.1432



62.1083, 58.5970, 27.7759



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.



60.9830, 81.0801, 104.5310



59.2868, 81.5594, 107.2255



44.3726, 47.8592, 98.9942



17.7658, 19.6085, 22.2337



27.2837, 39.9229, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 51.3716, 37.1235, 24.1966 looks on a white background.

Color Contrast Check

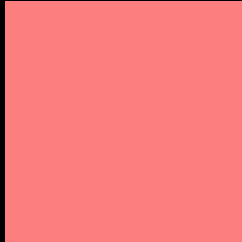
Large Text (above 18pt) WCAG AA × Fail

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 51.3716, 37.1235, 24.1966 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 51.3716, 37.1235, 24.1966

Background



This preview shows how black text looks on a background with the XYZ color 51.3716, 37.1235, 24.1966.



This preview shows how white text looks on a background with the XYZ color 51.3716, 37.1235,

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

51.3716, 37.1235, 24.1966

Protanopia

35.3228, 37.3352, 31.7303

Deuteranopia

38.1837, 37.4363, 23.3026



Tritanopia

52.1447, 37.2711, 27.0000

Trichromacy



Original Color

51.3716, 37.1235, 24.1966

Protanomaly

39.5091, 36.0363, 28.5403

Deuteranomaly

42.1729, 36.5868, 23.5781

Tritanomaly

51.9384, 37.1886, 25.9134

Monochromacy



Original Color

51.3716, 37.1235, 24.1966

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.1763, 35.7505, 33.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3716, 37.1235, 24.1966 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, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(252, 126, 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(252, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 126, 126) }
```

Border

The CSS property to change the border of an element to XYZ 51.3716, 37.1235, 24.1966 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, 126, 126) }
```


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

```
.border{ border-color:rgb(252, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(252, 126,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3716, 37.1235, 24.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 126, 126) }
```

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

```
.background{ background-color: rgb(252,  
126, 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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