

Converting Colors

XYZ(49.9372, 33.9672, 21.0639)

Have a look what the booklet for
XYZ(49.9372, 33.9672, 21.0639)
contains.

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Color

**XYZ(49.9372, 33.9672,
21.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7076
RGB	254, 112, 118
RGB Percent	100%, 44%, 46%
CMY	0.0039, 0.5607, 0.5373
CMYK	0.00, 0.56, 0.54, 0.00
HSL	357°, 99%, 72%
HSV	357°, 56%, 100%
XYZ	49.9372, 33.9672, 21.0639
YIQ	155.1420, 82.7060, 31.9700

Conversions

Conversions Part 2

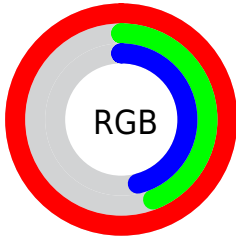
Format	Color
R_{YB}	254, 112, 118
Decimal	16674934
CIE _{Lab}	64.94, 54.59, 23.88
CIE _{LCh}	65, 59.586, 23.621
Yxy	33.9672, 0.4757, 0.3236
Android (android.graphics.Color)	4294865014 (0xFFFE7076)
YUV	155.1420, -18.3110, 86.6985
Hunter-Lab	58.2814, 50.9516, 19.3685

Details

The XYZ color **49.9372, 33.9672, 21.0639** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.0692, 81.1063, 101.3547**, and the grayscale version is **31.2727, 32.9013, 35.8296**.

A 20% lighter version of the original color is **62.4983, 52.1675, 44.8055**, and **24.2579, 14.4770, 7.3102** is the 20% darker color. If you saturate the color by 10%, you get **46.2552, 28.6262, 13.6004**, and if you desaturate by 10%, it is **54.7839, 41.0414, 30.7552**.

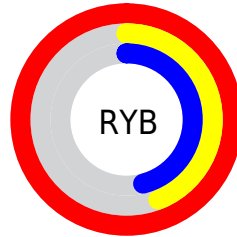
Distribution



Red (100%)

Green (44%)

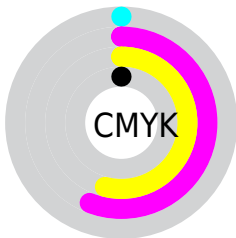
Blue (46%)



Red (100%)

Yellow (44%)

Blue (46%)

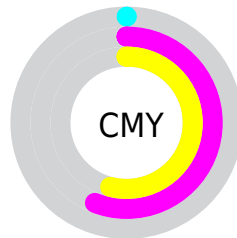


Cyan (0%)

Magenta (56%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (56%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9372, 33.9672, 21.0639 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 49.9372, 33.9672, 21.0639 by changing the saturation by 10% instead.


 49.9372, 33.9672,
21.0639


 49.9372, 33.9672,
21.0639

376.8764,
319.9858, 270.4101


 35.5811, 22.8684,
12.9790


 89.2742, 65.8827,
46.0760

 24.2794, 14.4964,
7.2835


 114.9858, 87.4681,
63.8404

 15.6669, 8.4667,
3.5589


 145.2133,
113.3179, 85.6683

 9.3781, 4.3950,
1.3866

180.3220,
143.8164, 111.9782

 5.0477, 1.8969,
0.1313

220.6773,
179.3481, 143.1889

 2.3103, 0.5465,
0.0000

266.6446,

 0.7999, 0.0000,

220.2973, 179.7187

0.0000

318.5891,
267.0484, 221.9863

■ 0.0000, 0.0000,
0.0000

■ 49.9372, 33.9672,
21.0639

■ 49.9372, 33.9672,
21.0639

■ 46.2552, 28.6262,
13.6004

■ 54.7839, 41.0414,
30.7552

■ 43.6377, 24.8645,
8.1859

■ 60.8795, 49.9746,
42.8306

■ 41.9719, 22.5105,
4.6171

■ 68.3030, 60.8873,
57.4341

■ 41.1183, 21.3497,
2.6482

■ 77.1265, 73.8884,
74.6980

■ 40.9316, 21.0942,
2.2224

■ 87.4167, 89.0787,
94.7454

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



51.6737, 33.9672, 42.5021



49.9372, 33.9672, 21.0639



43.1243, 33.9672, 10.4511

Triad

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



49.9372, 33.9672, 21.0639



20.7136, 33.9672, 15.3999



30.4814, 33.9672, 106.8752

Complementary

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



49.9372, 33.9672, 21.0639



59.0692, 81.1063, 101.3547

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.



23.4333, 33.9672, 89.7444



49.9372, 33.9672, 21.0639



18.4772, 33.9672, 31.9663

Square

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



49.9372, 33.9672, 21.0639



26.0997, 33.9672, 8.3443



19.3762, 33.9672, 59.4009



39.3772, 33.9672, 99.5893

Rectangle

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



49.9372, 33.9672, 21.0639



37.1780, 33.9672, 7.6085



19.3762, 33.9672, 59.4009



27.8409, 33.9672, 103.6035

Sweetspot

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



49.9380, 33.9690, 21.0645



76.7673, 73.0006, 73.3148



62.0069, 38.5020, 97.9289



16.0304, 15.0341, 14.9090



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.



49.9380, 33.9690, 21.0645



46.3259, 28.3855, 13.0164



59.3046, 53.2540, 22.4852



18.0404, 17.9995, 18.8301



21.5930, 11.1265, 1.2413



2.1129, 1.0875, 0.1758

Inverse Universe

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



49.9380, 33.9690, 21.0645



46.3259, 28.3855, 13.0164



43.0084, 47.4729, 100.6618



18.0404, 17.9995, 18.8301



21.5930, 11.1265, 1.2413



2.1129, 1.0875, 0.1758

Previews

White Background



This preview shows how the XYZ color 49.9372, 33.9672, 21.0639 looks on a white background.

Color Contrast Check

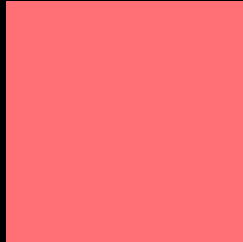
Large Text (above 18pt) WCAG AA × Fail

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 49.9372, 33.9672, 21.0639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

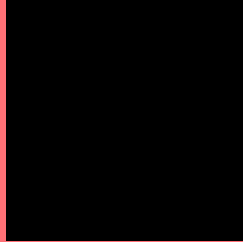
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.9372, 33.9672, 21.0639

Background



This preview shows how black text looks on a background with the XYZ color 49.9372, 33.9672, 21.0639.



This preview shows how white text looks on a background with the XYZ color 49.9372, 33.9672,

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

49.9372, 33.9672, 21.0639

Protanopia

32.2342, 33.9774, 29.2855

Deuteranopia

34.6749, 33.9723, 19.7687



Tritanopia

49.9970, 33.9911, 21.3786

Trichromacy



Original Color

49.9372, 33.9672, 21.0639

Protanomaly

36.6476, 32.5588, 25.8257

Deuteranomaly

39.1343, 33.1033, 20.2466

Tritanomaly

49.9970, 33.9911, 21.3786

Monochromacy



Original Color

49.9372, 33.9672, 21.0639

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

35.6010, 31.4946, 29.7939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9372, 33.9672, 21.0639 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(254, 112, 118)` looks like.

```
.text, #text, p{  
    color:rgb(254, 112, 118)  
}
```

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(254, 112, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 112, 118) }
```

Border

The CSS property to change the border of an element to XYZ 49.9372, 33.9672, 21.0639 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(254, 112, 118) }
```


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

```
.border{ border-color:rgb(254, 112, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 112, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 112, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 112, 118);  
box-shadow:4px 4px 4px 4px rgb(254, 112,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9372, 33.9672, 21.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 112, 118) }
```

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

```
.background{ background-color: rgb(254,  
112, 118) }
```

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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