

Converting Colors

XYZ(49.6687, 34.7872, 23.8354)

Have a look what the booklet for
XYZ(49.6687, 34.7872, 23.8354)
contains.

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Color

**XYZ(49.6687, 34.7872,
23.8354)**

Conversions

Conversions Part 1

Format	Color
Hex	FA767E
RGB	250, 118, 126
RGB Percent	98%, 46%, 49%
CMY	0.0196, 0.5372, 0.5059
CMYK	0.00, 0.53, 0.50, 0.02
HSL	356°, 93%, 72%
HSV	356°, 53%, 98%
XYZ	49.6687, 34.7872, 23.8354
YIQ	158.3800, 76.1040, 30.4720

Conversions

Conversions Part 2

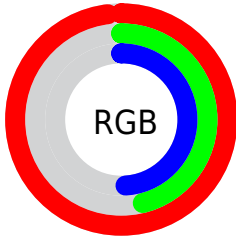
Format	Color
R _Y B	250, 118, 126
Decimal	16414334
CIE Lab	65.58, 51.08, 20.12
CIE LCh	66, 54.905, 21.501
Yxy	34.7872, 0.4587, 0.3212
Android (android.graphics.Color)	4294604414 (0xFFFA767E)
YUV	158.3800, -15.9633, 80.3507
Hunter-Lab	58.9807, 47.1019, 17.3261

Details

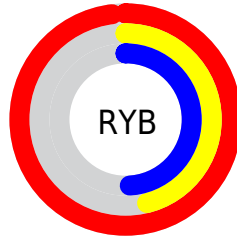
The XYZ color **49.6687, 34.7872, 23.8354** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.6859, 78.6344, 96.1474**, and the grayscale version is **32.7191, 34.4231, 37.4867**.

A 20% lighter version of the original color is **64.3203, 54.4018, 49.7584**, and **24.1592, 15.0214, 8.6473** is the 20% darker color. If you saturate the color by 10%, you get **45.7632, 29.1236, 15.9141**, and if you desaturate by 10%, it is **54.7117, 42.1567, 33.8914**.

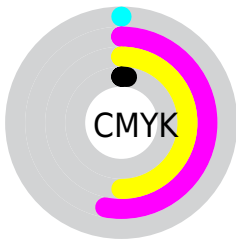
Distribution



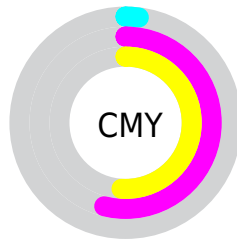
- Red (98%)
- Green (46%)
- Blue (49%)



- Red (98%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (50%)
- Black (2%)





- Cyan (2%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6687, 34.7872, 23.8354 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 49.6687, 34.7872, 23.8354 by changing the saturation by 10% instead.


 49.6687, 34.7872,
23.8354


 49.6687, 34.7872,
23.8354

375.8424,
323.6280, 285.2470


 35.3669, 23.4990,
15.0005


 88.8786, 67.1560,
50.7019

 24.1135, 14.9624,
8.6731


 114.5174, 89.0053,
69.5706

 15.5430, 8.7930,
4.4347

 144.6660,
115.1439, 92.6210

 9.2902, 4.6064,
1.8667

179.6897,
145.9560, 120.2716

 4.9896, 2.0182,
0.4714

219.9538,
181.8261, 152.9409

 2.2758, 0.6180,
0.0000

265.8237,

 0.7823, 0.0000,

223.1385, 191.0476

0.0000

317.6648,
270.2777, 235.0101

■ 0.0000, 0.0000,
0.0000

■ 49.6687, 34.7872,
23.8354

■ 49.6687, 34.7872,
23.8354

■ 45.7632, 29.1236,
15.9141

■ 54.7117, 42.1567,
33.8914

■ 42.9042, 25.0241,
9.9714

■ 60.9685, 51.3482,
46.2192

■ 40.9911, 22.3334,
5.8333

■ 68.5121, 62.4738,
60.9466

■ 39.9022, 20.8614,
3.2941

■ 77.4087, 75.6352,
78.1912

■ 39.5115, 20.3588,
2.3043

■ 87.7200, 90.9269,
98.0631

93.2343, 99.0640,
108.8150

Harmonies

Analogous

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



50.8688, 34.7872, 44.8183



49.6687, 34.7872, 23.8354



43.6727, 34.7872, 12.6888

Triad

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



49.6687, 34.7872, 23.8354



22.3641, 34.7872, 16.4319



30.8276, 34.7872, 100.8602

Complementary

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



49.6687, 34.7872, 23.8354



57.6859, 78.6344, 96.1474

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.



24.3298, 34.7872, 84.2747



49.6687, 34.7872, 23.8354



19.9903, 34.7872, 31.6928

Square

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



49.6687, 34.7872, 23.8354



27.7064, 34.7872, 9.7821



20.6463, 34.7872, 56.5709



39.0716, 34.7872, 95.9482

Rectangle

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



49.6687, 34.7872, 23.8354



38.2257, 34.7872, 9.4634



20.6463, 34.7872, 56.5709



28.3896, 34.7872, 97.4325

Sweetspot

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



49.6696, 34.7890, 23.8360



77.8188, 74.4471, 75.6895



60.0787, 38.5969, 94.7258



16.2413, 15.3204, 15.3963



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.



49.6696, 34.7890, 23.8360



47.7766, 30.3289, 16.4536



58.0645, 52.3717, 24.1904



17.2872, 17.2422, 18.1023



20.9748, 10.8057, 1.3099



1.9571, 1.0066, 0.1976

Inverse Universe

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



49.6696, 34.7890, 23.8360



47.7766, 30.3289, 16.4536



43.7541, 48.8072, 97.5570



17.2872, 17.2422, 18.1023



20.9748, 10.8057, 1.3099



1.9571, 1.0066, 0.1976

Previews

White Background



This preview shows how the XYZ color 49.6687, 34.7872, 23.8354 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 49.6687, 34.7872, 23.8354 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 49.6687, 34.7872, 23.8354

Background



This preview shows how black text looks on a background with the XYZ color 49.6687, 34.7872, 23.8354.



This preview shows how white text looks on a background with the XYZ color 49.6687, 34.7872,

23.8354.

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

49.6687, 34.7872, 23.8354

Protanopia

33.3123, 34.9786, 32.1899

Deuteranopia

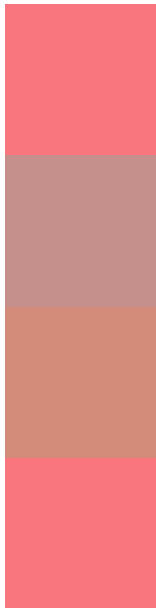
35.5204, 34.8299, 22.6200



Tritanopia

49.6687, 34.7872, 23.8354

Trichromacy



Original Color

49.6687, 34.7872, 23.8354

Protanomaly

37.6594, 33.6809, 28.9423

Deuteranomaly

39.7549, 34.0102, 22.8817

Tritanomaly

49.6687, 34.7872, 23.8354

Monochromacy



Original Color

49.6687, 34.7872, 23.8354

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.4966, 32.7966, 31.6009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6687, 34.7872, 23.8354 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(250, 118, 126)` looks like.

```
.text, #text, p{  
    color:rgb(250, 118, 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(250, 118, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 118, 126) }
```

Border

The CSS property to change the border of an element to XYZ 49.6687, 34.7872, 23.8354 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(250, 118, 126) }
```


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

```
.border{ border-color:rgb(250, 118, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 118, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 118, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 118, 126);  
box-shadow:4px 4px 4px 4px rgb(250, 118,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6687, 34.7872, 23.8354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 118, 126) }
```

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

```
.background{ background-color: rgb(250,  
118, 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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