

Converting Colors

XYZ(49.9634, 37.6355, 30.6176)

Have a look what the booklet for
XYZ(49.9634, 37.6355, 30.6176)
contains.

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Color

**XYZ(49.9634, 37.6355,
30.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	F2858F
RGB	242, 133, 143
RGB Percent	95%, 52%, 56%
CMY	0.0510, 0.4784, 0.4392
CMYK	0.00, 0.45, 0.41, 0.05
HSL	354°, 81%, 74%
HSV	354°, 45%, 95%
XYZ	49.9634, 37.6355, 30.6176
YIQ	166.7310, 61.7540, 26.2180

Conversions

Conversions Part 2

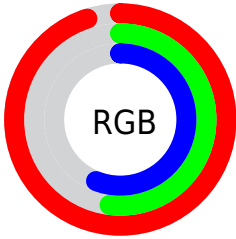
Format	Color
R _Y B	242, 133, 143
Decimal	15893903
CIE Lab	67.75, 42.53, 13.37
CIE LCh	68, 44.584, 17.450
Yxy	37.6355, 0.4226, 0.3184
Android (android.graphics.Color)	4294083983 (0xFFFF2858F)
YUV	166.7310, -11.6994, 66.0109
Hunter-Lab	61.3478, 38.0169, 13.3528

Details

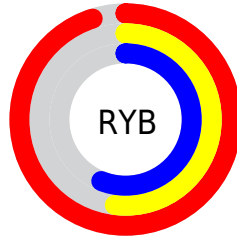
The XYZ color **49.9634, 37.6355, 30.6176** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.9924, 74.3178, 87.7420**, and the grayscale version is **36.6349, 38.5427, 41.9730**.

A 20% lighter version of the original color is **69.3013, 61.2577, 60.9947**, and **24.3729, 16.5949, 12.2745** is the 20% darker color. If you saturate the color by 10%, you get **45.5184, 31.1543, 21.7099**, and if you desaturate by 10%, it is **55.4998, 45.7772, 41.4994**.

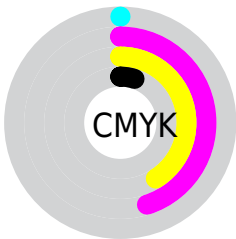
Distribution



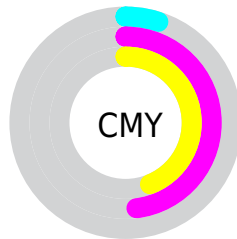
- Red (95%)
- Green (52%)
- Blue (56%)



- Red (95%)
- Yellow (52%)
- Blue (56%)



- Cyan (0%)
- Magenta (45%)
- Yellow (41%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9634, 37.6355, 30.6176 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 49.9634, 37.6355, 30.6176 by changing the saturation by 10% instead.


 49.9634, 37.6355,
30.6176


 49.9634, 37.6355,
30.6176


376.9772,
336.0538, 319.0692


 35.6020, 25.6999,
20.0518


 89.3128, 71.5491,
61.7100

 24.2956, 16.5993,
12.2483


 115.0315, 94.2959,
83.0737

 15.6790, 9.9492,
6.7884


 145.2667,
121.4153, 108.8738

 9.3867, 5.3653,
3.2537

180.3837,
153.2915, 139.5289

 5.0534, 2.4631,
1.2256

220.7479,
190.3091, 175.4574

 2.3137, 0.8581,
0.0000

266.7246,

 0.8017, 0.0000,

232.8524, 217.0779

0.0000

318.6793,
281.3058, 264.8090

■ 0.0000, 0.0000,
0.0000

■ 49.9634, 37.6355,
30.6176

■ 49.9634, 37.6355,
30.6176

■ 45.5184, 31.1543,
21.7099

■ 55.4998, 45.7772,
41.4994

■ 42.0895, 26.2141,
14.6556

■ 62.1903, 55.6770,
54.4619

■ 39.5968, 22.6884,
9.3242

■ 70.0964, 67.4315,
69.6063

■ 37.9465, 20.4281,
5.5671

■ 79.2742, 81.1288,
87.0270

■ 37.0253, 19.2507,
3.2102

■ 89.7766, 96.8511,
106.8124

■ 36.7645, 18.9359,
2.4860

■ 90.4279, 97.6172,
108.6837

Harmonies

Analogous

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



50.3307, 37.6355, 49.7924



49.9634, 37.6355, 30.6176



45.5034, 37.6355, 18.8939

Triad

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



49.9634, 37.6355, 30.6176



26.8690, 37.6355, 20.2967



32.9681, 37.6355, 90.3176

Complementary

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



49.9634, 37.6355, 30.6176



55.9924, 74.3178, 87.7420

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.



27.5365, 37.6355, 75.7842



49.9634, 37.6355, 30.6176



24.3313, 37.6355, 33.2717

Square

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



49.9634, 37.6355, 30.6176



31.9424, 37.6355, 14.3865



24.5588, 37.6355, 53.4475



39.8948, 37.6355, 88.9027

Rectangle

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



49.9634, 37.6355, 30.6176



41.0986, 37.6355, 14.9691



24.5588, 37.6355, 53.4475



30.9256, 37.6355, 86.9806

Sweetspot

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



49.9644, 37.6374, 30.6183



79.9117, 77.3844, 80.2358



57.4029, 40.1934, 88.7369



16.6599, 15.9013, 16.3263



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.



49.9644, 37.6374, 30.6183



51.6606, 35.6623, 25.2538



56.4961, 51.8590, 29.2250



15.8316, 15.7824, 16.6697



19.7714, 10.1810, 1.4466



1.6647, 0.8549, 0.2250

Inverse Universe

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



49.9644, 37.6374, 30.6183



51.6606, 35.6623, 25.2538



45.9872, 51.9704, 91.6118



15.8316, 15.7824, 16.6697



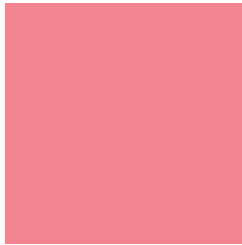
19.7714, 10.1810, 1.4466



1.6647, 0.8549, 0.2250

Previews

White Background



This preview shows how the XYZ color 49.9634, 37.6355, 30.6176 looks on a white background.

Color Contrast Check

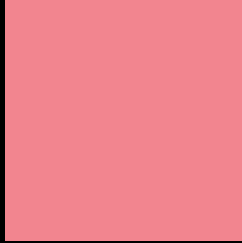
Large Text (above 18pt) WCAG AA × Fail

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 49.9634, 37.6355, 30.6176 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 49.9634, 37.6355, 30.6176

Background



This preview shows how black text looks on a background with the XYZ color 49.9634, 37.6355, 30.6176.



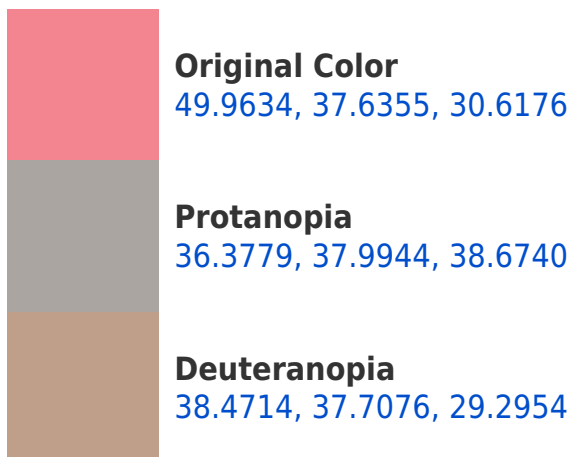
This preview shows how white text looks on a background with the XYZ color 49.9634, 37.6355,

30.6176.

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

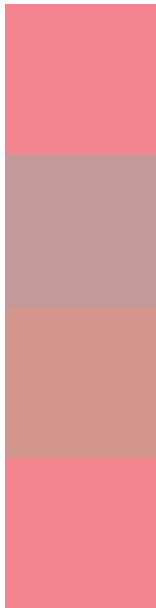




Tritanopia

49.9634, 37.6355, 30.6176

Trichromacy



Original Color

49.9634, 37.6355, 30.6176

Protanomaly

39.9889, 36.8513, 35.5772

Deuteranomaly

42.2183, 37.4078, 29.8062

Tritanomaly

49.9634, 37.6355, 30.6176

Monochromacy



Original Color

49.9634, 37.6355, 30.6176

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.1410, 37.3806, 37.4473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9634, 37.6355, 30.6176 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(242, 133, 143)` looks like.

```
.text, #text, p{  
    color:rgb(242, 133, 143)  
}
```

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(242, 133, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 133, 143) }
```

Border

The CSS property to change the border of an element to XYZ 49.9634, 37.6355, 30.6176 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(242, 133, 143) }
```


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

```
.border{ border-color:rgb(242, 133, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 133, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 133, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 133, 143);  
box-shadow:4px 4px 4px 4px rgb(242, 133,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9634, 37.6355, 30.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 133, 143) }
```

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

```
.background{ background-color: rgb(242,  
133, 143) }
```

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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