

Converting Colors

XYZ(51.9910, 36.9848, 37.3412)

Have a look what the booklet for
XYZ(51.9910, 36.9848, 37.3412)
contains.

XYZ(51.9494, 36.9446, 37.1939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.9494, 36.9446,
37.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	F77D9F
RGB	247, 125, 159
RGB Percent	97%, 49%, 62%
CMY	0.0314, 0.5098, 0.3765
CMYK	0.00, 0.49, 0.36, 0.03
HSL	343°, 88%, 73%
HSV	343°, 49%, 97%
XYZ	51.9494, 36.9446, 37.1939
YIQ	165.3540, 61.7980, 36.4380

Conversions

Conversions Part 2

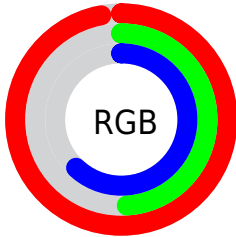
Format	Color
R_{YB}	247, 125, 159
Decimal	16219551
CIE _{Lab}	67.24, 50.03, 3.70
CIE _{LCh}	67, 50.169, 4.230
Yxy	36.9446, 0.4120, 0.2930
Android (android.graphics.Color)	4294409631 (0xFFFF77D9F)
YUV	165.3540, -3.1325, 71.6035
Hunter-Lab	60.7821, 46.1923, 6.2666

Details

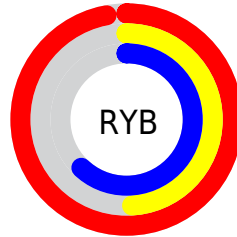
The XYZ color **51.9494, 36.9446, 37.1939** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.7303, 75.6865, 74.7321**, and the grayscale version is **35.9291, 37.8002, 41.1644**.

A 20% lighter version of the original color is **69.6989, 58.7576, 71.2861**, and **25.4535, 16.1540, 15.9638** is the 20% darker color. If you saturate the color by 10%, you get **47.7659, 30.8761, 28.7131**, and if you desaturate by 10%, it is **57.1352, 44.6606, 47.1090**.

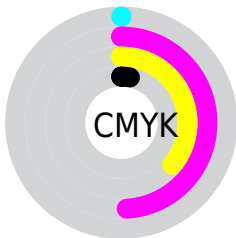
Distribution



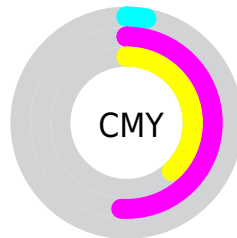
- Red (97%)
- Green (49%)
- Blue (62%)



- Red (97%)
- Yellow (49%)
- Blue (62%)



- Cyan (0%)
- Magenta (49%)
- Yellow (36%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9494, 36.9446, 37.1939 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 51.9494, 36.9446, 37.1939 by changing the saturation by 10% instead.


 51.9494, 36.9446,
37.1939


 51.9494, 36.9446,
37.1939


384.5684,
333.0706, 349.3432


 37.1889, 25.1646,
25.0607

 92.2313, 70.4876,
72.0606

 25.5281, 16.1997,
15.9028


 118.4833, 93.0193,
95.6311

 16.6018, 9.6656,
9.3018

 149.2966,
119.9038, 123.8511

 10.0445, 5.1778,
4.8391

185.0364,
151.5254, 157.1393

 5.4910, 2.3520,
2.0961

226.0681,
188.2685, 195.9140

 2.5758, 0.8010,
0.6134

272.7571,

 0.9336, 0.0000,

230.5174, 240.5939

0.0000

325.4688,
278.6567, 291.5974

■ 0.0000, 0.0000,
0.0000

■ 51.9494, 36.9446,
37.1939

■ 51.9494, 36.9446,
37.1939

■ 47.7659, 30.8761,
28.7131

■ 57.1352, 44.6606,
47.1090

■ 44.5134, 26.3283,
21.5951

■ 63.3818, 54.1275,
58.5210

■ 42.1157, 23.1650,
15.7646

■ 70.7468, 65.4468,
71.4909

■ 40.4821, 21.2223,
11.1370

■ 79.2826, 78.7103,
86.0758

■ 39.4769, 20.2480,
7.6078

■ 89.0382, 94.0041,
102.3297

■ 39.4266, 20.2017,
7.4234

■ 92.1678, 98.5142,
108.7651

Harmonies

Analogous

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



50.1213, 36.9446, 61.4967



51.9494, 36.9446, 37.1939



48.7563, 36.9446, 20.8556

Triad

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



51.9494, 36.9446, 37.1939



27.4630, 36.9446, 14.4563



29.0919, 36.9446, 91.4349

Complementary

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



51.9494, 36.9446, 37.1939



53.7303, 75.6865, 74.7321

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.



24.2893, 36.9446, 68.9309



51.9494, 36.9446, 37.1939



23.4493, 36.9446, 24.5313

Square

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



51.9494, 36.9446, 37.1939



34.0393, 36.9446, 11.1168



22.3775, 36.9446, 43.4194



36.2126, 36.9446, 98.6725

Rectangle

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



51.9494, 36.9446, 37.1939



44.4483, 36.9446, 14.7874



22.3775, 36.9446, 43.4194



27.1888, 36.9446, 85.0840

Sweetspot

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



51.9504, 36.9465, 37.1946



79.9100, 76.3256, 83.4896



51.4001, 35.4463, 92.1285



16.6991, 15.7087, 17.1750



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.



51.9504, 36.9465, 37.1946



51.4711, 33.3618, 31.1142



53.1973, 43.5298, 25.0028



16.6889, 16.5584, 18.1083



20.9031, 10.7047, 4.1981



1.8791, 0.9576, 0.5896

Inverse Universe

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



51.9504, 36.9465, 37.1946



51.4711, 33.3618, 31.1142



50.9896, 62.5611, 97.3838



16.6889, 16.5584, 18.1083



20.9031, 10.7047, 4.1981



1.8791, 0.9576, 0.5896

Previews

White Background



This preview shows how the XYZ color 51.9494, 36.9446, 37.1939 looks on a white background.

Color Contrast Check

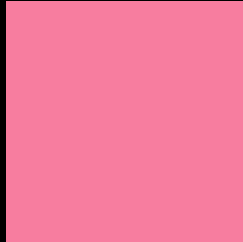
Large Text (above 18pt) WCAG AA × Fail

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 51.9494, 36.9446, 37.1939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

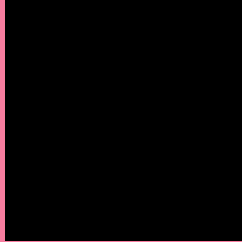
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9494, 36.9446, 37.1939

Background



This preview shows how black text looks on a background with the XYZ color 51.9494, 36.9446, 37.1939.



This preview shows how white text looks on a background with the XYZ color 51.9494, 36.9446,

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

51.9494, 36.9446, 37.1939

Protanopia

36.3380, 37.2120, 48.9835

Deuteranopia

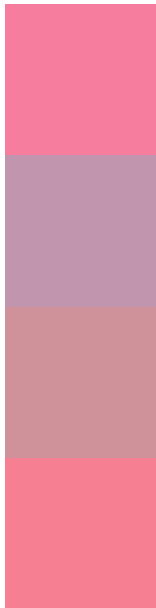
37.7438, 36.9440, 35.2786



Tritanopia

50.0939, 36.9480, 28.5362

Trichromacy



Original Color

51.9494, 36.9446, 37.1939

Protanomaly

40.2826, 35.8495, 44.3317

Deuteranomaly

41.9274, 36.1897, 35.7858

Tritanomaly

50.9135, 37.1065, 31.6730

Monochromacy



Original Color

51.9494, 36.9446, 37.1939

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.0229, 36.0591, 39.5010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9494, 36.9446, 37.1939 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(247, 125, 159)` looks like.

```
.text, #text, p{  
    color:rgb(247, 125, 159)  
}
```

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(247, 125, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 125, 159) }
```

Border

The CSS property to change the border of an element to XYZ 51.9494, 36.9446, 37.1939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

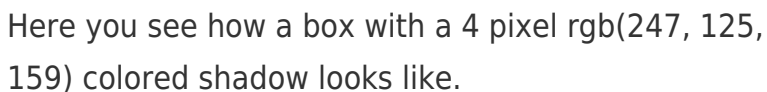
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 125, 159) }
```


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

```
.border{ border-color:rgb(247, 125, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(247, 125, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 125, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 125, 159);  
box-shadow:4px 4px 4px 4px rgb(247, 125,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9494, 36.9446, 37.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 125, 159) }
```

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

```
.background{ background-color: rgb(247,  
125, 159) }
```

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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