

Converting Colors

XYZ(54.9704, 37.9685, 39.6549)

Have a look what the booklet for
XYZ(54.9704, 37.9685, 39.6549)
contains.

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Color

**XYZ(54.9004, 37.8594,
39.5360)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7AA4
RGB	255, 122, 164
RGB Percent	100%, 48%, 64%
CMY	0.0000, 0.5215, 0.3569
CMYK	0.00, 0.52, 0.36, 0.00
HSL	341°, 100%, 74%
HSV	341°, 52%, 100%
XYZ	54.9004, 37.8594, 39.5360
YIQ	166.5550, 65.7860, 41.2580

Conversions

Conversions Part 2

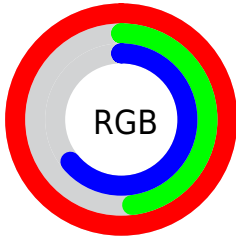
Format	Color
RYB	255, 122, 164
Decimal	16743076
CIELab	67.92, 54.69, 2.00
CIElCh	68, 54.731, 2.095
Yxy	37.8594, 0.4150, 0.2862
Android (android.graphics.Color)	4294933156 (0xFFFF7AA4)
YUV	166.5550, -1.2596, 77.5663
Hunter-Lab	61.5300, 51.5899, 4.9743

Details

The XYZ color **54.9004, 37.8594, 39.5360** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.7982, 80.4626, 75.5453**, and the grayscale version is **36.4990, 38.3998, 41.8174**.

A 20% lighter version of the original color is **69.9466, 58.2153, 74.5679**, and **27.4375, 16.7863, 17.1232** is the 20% darker color. If you saturate the color by 10%, you get **50.7008, 31.8112, 30.8880**, and if you desaturate by 10%, it is **60.1395, 45.6403, 49.5978**.

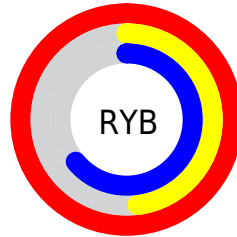
Distribution



Red (100%)

Green (48%)

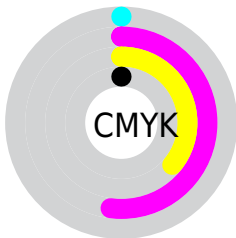
Blue (64%)



Red (100%)

Yellow (48%)

Blue (64%)

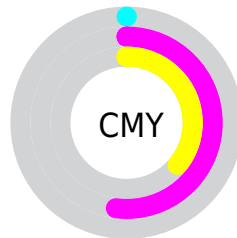


Cyan (0%)

Magenta (52%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.9004, 37.8594, 39.5360 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 54.9004, 37.8594, 39.5360 by changing the saturation by 10% instead.


 54.9004, 37.8594,
39.5360

 54.9004, 37.8594,
39.5360


395.6768,
337.0164, 359.6578


 39.5555, 25.8736,
26.8659


 96.5442, 71.8926,
75.6858

 27.3748, 16.7291,
17.2410


 123.5738, 94.7087,
100.0025

 17.9930, 10.0415,
10.2427


 155.2290,
121.9038, 129.0386

 11.0446, 5.4265,
5.4525

191.8752,
153.8622, 163.2126

 6.1644, 2.4996,
2.4518

233.8777,
190.9682, 202.9429

 2.9869, 0.8764,
0.8144

281.6019,

 1.1468, 0.0000,

233.6063, 248.6482

0.0000

335.4132,
282.1610, 300.7470

■ 0.0638, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9004, 37.8594,
39.5360

■ 54.9004, 37.8594,
39.5360

■ 50.7008, 31.8112,
30.8880

■ 60.1395, 45.6403,
49.5978

■ 47.4631, 27.3552,
23.5838

■ 66.4819, 55.2688,
61.1343

■ 45.1034, 24.3380,
17.5495

■ 73.9897, 66.8564,
74.2051

■ 43.5200, 22.5725,
12.7018

■ 82.7194, 80.5041,
88.8656

■ 42.7072, 21.8469,
9.6561

■ 92.7236, 96.3059,
105.1687

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.4356, 37.8594, 67.2209



54.9004, 37.8594, 39.5360



51.6719, 37.8594, 21.0279

Triad

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



54.9004, 37.8594, 39.5360



27.9844, 37.8594, 12.9351



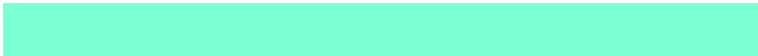
28.8681, 37.8594, 97.9235

Complementary

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



54.9004, 37.8594, 39.5360



55.7982, 80.4626, 75.5453

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.



23.8442, 37.8594, 71.4083



54.9004, 37.8594, 39.5360



23.3933, 37.8594, 22.9760

Square

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



54.9004, 37.8594, 39.5360



35.3904, 37.8594, 9.9187



22.0046, 37.8594, 42.9562



36.5846, 37.8594, 107.8709

Rectangle

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



54.9004, 37.8594, 39.5360



46.9811, 37.8594, 14.2321



22.0046, 37.8594, 42.9562



26.8530, 37.8594, 90.2466

Sweetspot

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



54.9014, 37.8613, 39.5367



79.2138, 75.0051, 83.0354



52.4179, 35.2700, 98.6528



16.5698, 15.4518, 17.1262



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.



54.9014, 37.8613, 39.5367



50.3906, 31.3745, 30.2189



55.0924, 43.3434, 23.8773



18.2456, 18.0816, 19.9107



22.3747, 11.4392, 5.3577



2.2256, 1.1326, 0.7692

Inverse Universe

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



54.9014, 37.8613, 39.5367



50.3906, 31.3745, 30.2189



54.5463, 68.2964, 104.9154



18.2456, 18.0816, 19.9107



22.3747, 11.4392, 5.3577



2.2256, 1.1326, 0.7692

Previews

White Background



This preview shows how the XYZ color 54.9004, 37.8594, 39.5360 looks on a white background.

Color Contrast Check

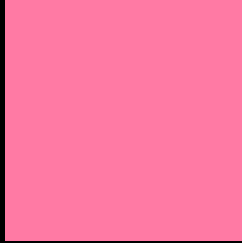
Large Text (above 18pt) WCAG AA × Fail

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 54.9004, 37.8594, 39.5360 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 54.9004, 37.8594, 39.5360

Background



This preview shows how black text looks on a background with the XYZ color 54.9004, 37.8594, 39.5360.



This preview shows how white text looks on a background with the XYZ color 54.9004, 37.8594,

39.5360.

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

54.9004, 37.8594, 39.5360

Protanopia

37.5407, 38.2658, 53.5515

Deuteranopia

38.7499, 37.9245, 37.6256



Tritanopia

52.5413, 37.8390, 27.8270

Trichromacy



Original Color

54.9004, 37.8594, 39.5360



Protanomaly

41.7506, 36.5259, 48.0297



Deuteranomaly

43.2024, 36.7975, 38.0833



Tritanomaly

53.3950, 37.8134, 31.6786

Monochromacy



Original Color

54.9004, 37.8594, 39.5360



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

41.5027, 37.0285, 41.0362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9004, 37.8594, 39.5360 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(255, 122, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 164)  
}
```

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(255, 122, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.9004, 37.8594, 39.5360 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(255, 122, 164) }
```


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

```
.border{ border-color:rgb(255, 122, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 122, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 122, 164); box-shadow:4px 4px 4px 4px rgb(255, 122, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9004, 37.8594, 39.5360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 164) }
```

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

```
.background{ background-color: rgb(255,  
122, 164) }
```

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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