

Converting Colors

XYZ(53.9778, 38.1152, 24.8420)

Have a look what the booklet for
XYZ(53.9778, 38.1152, 24.8420)
contains.

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Color

**XYZ(52.3439, 37.2338,
24.8501)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C80
RGB	255, 124, 128
RGB Percent	100%, 49%, 50%
CMY	0.0000, 0.5137, 0.4980
CMYK	0.00, 0.51, 0.50, 0.00
HSL	358°, 100%, 74%
HSV	358°, 51%, 100%
XYZ	52.3439, 37.2338, 24.8501
YIQ	163.6250, 76.7920, 29.0160

Conversions

Conversions Part 2

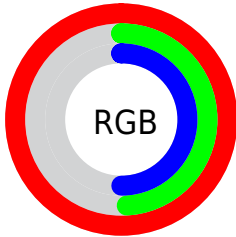
Format	Color
R _Y B	255, 124, 128
Decimal	16743552
CIE Lab	67.45, 50.13, 21.66
CIE LCh	67, 54.610, 23.368
Yxy	37.2338, 0.4574, 0.3254
Android (android.graphics.Color)	4294933632 (0xFFFF7C80)
YUV	163.6250, -17.5631, 80.1359
Hunter-Lab	61.0195, 46.3372, 18.5679

Details

The XYZ color **52.3439, 37.2338, 24.8501** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **61.4868, 82.7708, 104.0079**, and the grayscale version is **35.1648, 36.9961, 40.2888**.

A 20% lighter version of the original color is **65.7006, 56.8364, 51.2238**, and **25.8496, 16.4142, 9.2030** is the 20% darker color. If you saturate the color by 10%, you get **48.1174, 31.0755, 16.3675**, and if you desaturate by 10%, it is **57.7948, 45.2067, 35.6971**.

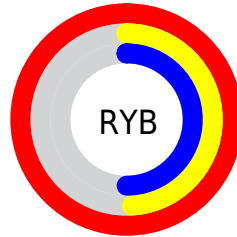
Distribution



Red (100%)

Green (49%)

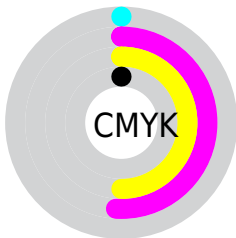
Blue (50%)



Red (100%)

Yellow (49%)

Blue (50%)

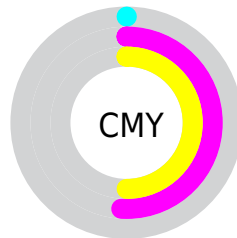


Cyan (0%)

Magenta (51%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3439, 37.2338, 24.8501 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 52.3439, 37.2338, 24.8501 by changing the saturation by 10% instead.


 52.3439, 37.2338,
24.8501


 52.3439, 37.2338,
24.8501


386.0650,
334.3216, 290.5143


 37.5046, 25.3886,
15.7474


 92.8094, 70.9322,
52.3750

 25.7739, 16.3668,
9.1932

 119.1664, 93.5542,
71.6344

 16.7864, 9.7841,
4.7689


 150.0934,
120.5372, 95.1163

 10.1767, 5.2560,
2.0559

185.9557,
152.2657, 123.2394

 5.5794, 2.3983,
0.5894

227.1186,
189.1239, 156.4222

 2.6293, 0.8250,
0.0000

273.9476,

 0.9609, 0.0000,

231.4964, 195.0833

0.0000

326.8079,
279.7675, 239.6412

■ 0.0000, 0.0000,
0.0000

■ 52.3439, 37.2338,
24.8501

■ 52.3439, 37.2338,
24.8501

■ 48.1174, 31.0755,
16.3675

■ 57.7948, 45.2067,
35.6971

■ 45.0181, 26.5841,
10.0712

■ 64.5517, 55.1151,
49.0646

■ 42.9387, 23.5986,
5.7614

■ 72.6926, 67.0764,
65.0978

■ 41.7500, 21.9233,
3.2007

■ 82.2885, 81.1970,
83.9301

■ 41.2824, 21.2769,
2.1542

■ 93.4055, 97.5758,
105.6863

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



53.9360, 37.2338, 46.1101



52.3439, 37.2338, 24.8501



45.9047, 37.2338, 13.6346

Triad

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



52.3439, 37.2338, 24.8501



23.9668, 37.2338, 18.7643



33.5604, 37.2338, 105.8536

Complementary

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



52.3439, 37.2338, 24.8501



61.4868, 82.7708, 104.0079

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.



26.6170, 37.2338, 90.0136



52.3439, 37.2338, 24.8501



21.6721, 37.2338, 35.4399

Square

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



52.3439, 37.2338, 24.8501



29.3738, 37.2338, 11.2152



22.5596, 37.2338, 61.7449



42.1753, 37.2338, 99.3961

Rectangle

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



52.3439, 37.2338, 24.8501



40.2066, 37.2338, 10.4460



22.5596, 37.2338, 61.7449



30.9736, 37.2338, 102.8069

Sweetspot

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



52.3448, 37.2358, 24.8508



78.6324, 75.8145, 76.7613



64.9102, 42.0784, 99.3082



16.3956, 15.5873, 15.5765



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.



52.3448, 37.2358, 24.8508



47.8898, 30.7447, 15.9078



62.2561, 57.4708, 26.8832



18.0318, 17.9960, 18.7847



21.5807, 11.1216, 1.1767



2.1088, 1.0859, 0.1543

Inverse Universe

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



52.3448, 37.2358, 24.8508



47.8898, 30.7447, 15.9078



45.6262, 50.0315, 101.8596



18.0318, 17.9960, 18.7847



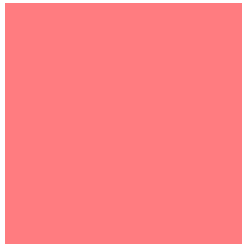
21.5807, 11.1216, 1.1767



2.1088, 1.0859, 0.1543

Previews

White Background



This preview shows how the XYZ color 52.3439, 37.2338, 24.8501 looks on a white background.

Color Contrast Check

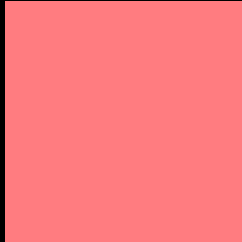
Large Text (above 18pt) WCAG AA × Fail

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 52.3439, 37.2338, 24.8501 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 52.3439, 37.2338, 24.8501

Background



This preview shows how black text looks on a background with the XYZ color 52.3439, 37.2338, 24.8501.



This preview shows how white text looks on a background with the XYZ color 52.3439, 37.2338,

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

52.3439, 37.2338, 24.8501

Protanopia

35.5552, 37.4282, 32.9542

Deuteranopia

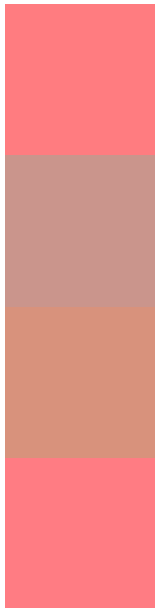
37.9878, 37.3282, 23.6152



Tritanopia

52.6125, 37.3412, 26.2644

Trichromacy



Original Color

52.3439, 37.2338, 24.8501

Protanomaly

39.8382, 35.9449, 29.6493

Deuteranomaly

42.2359, 36.6119, 23.9095

Tritanomaly

52.5444, 37.3140, 25.9057

Monochromacy



Original Color

52.3439, 37.2338, 24.8501

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

39.3593, 35.5996, 34.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3439, 37.2338, 24.8501 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, 124, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 128)  
}
```

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, 124, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 128) }
```

Border

The CSS property to change the border of an element to XYZ 52.3439, 37.2338, 24.8501 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, 124, 128) }
```


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

```
.border{ border-color:rgb(255, 124, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 124, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 124, 128); box-shadow:4px 4px 4px 4px rgb(255, 124, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3439, 37.2338, 24.8501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 128) }
```

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

```
.background{ background-color: rgb(255,  
124, 128) }
```

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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