

Converting Colors

XYZ(52.2348, 37.5527, 35.4526)

Have a look what the booklet for
XYZ(52.2348, 37.5527, 35.4526)
contains.

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Color

**XYZ(52.2172, 37.5018,
35.4968)**

Conversions

Conversions Part 1

Format	Color
Hex	F87F9B
RGB	248, 127, 155
RGB Percent	97%, 50%, 61%
CMY	0.0275, 0.5019, 0.3922
CMYK	0.00, 0.49, 0.37, 0.03
HSL	346°, 90%, 74%
HSV	346°, 49%, 97%
XYZ	52.2172, 37.5018, 35.4968
YIQ	166.3710, 63.1280, 34.3600

Conversions

Conversions Part 2

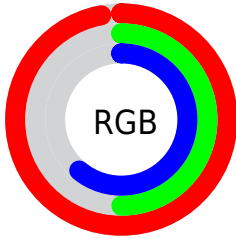
Format	Color
R_{YB}	248, 127, 155
Decimal	16285595
CIE _{Lab}	67.65, 48.94, 6.58
CIE _{LCh}	68, 49.379, 7.656
Yxy	37.5018, 0.4170, 0.2995
Android (android.graphics.Color)	4294475675 (0xFFFF87F9B)
YUV	166.3710, -5.6059, 71.5886
Hunter-Lab	61.2387, 45.0361, 8.4999

Details

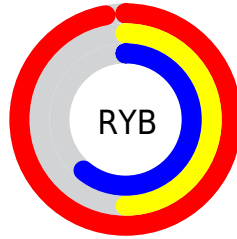
The XYZ color **52.2172, 37.5018, 35.4968** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.2400, 76.8151, 79.6300**, and the grayscale version is **36.4311, 38.3283, 41.7396**.

A 20% lighter version of the original color is **69.4766, 59.3193, 68.1096**, and **25.6203, 16.4559, 14.9227** is the 20% darker color. If you saturate the color by 10%, you get **47.9228, 31.2759, 26.7808**, and if you desaturate by 10%, it is **57.5545, 45.4089, 45.8080**.

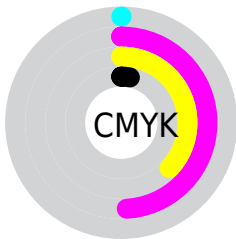
Distribution



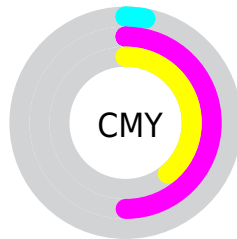
- Red (97%)
- Green (50%)
- Blue (61%)



- Red (97%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (49%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2172, 37.5018, 35.4968 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 52.2172, 37.5018, 35.4968 by changing the saturation by 10% instead.

 52.2172, 37.5018,
35.4968


 52.2172, 37.5018,
35.4968


385.5848,
335.4780, 341.7264

 37.4032, 25.5963,
23.7592


 92.6238, 71.3439,
69.4150

 25.6949, 16.5218,
14.9445


 118.9471, 94.0492,
92.4326

 16.7270, 9.8942,
8.6343


 149.8376,
121.1232, 120.0473

 10.1342, 5.3288,
4.4099

185.6606,
152.9504, 152.6777

 5.5510, 2.4415,
1.8528

226.7815,
189.9150, 190.7423

 2.6120, 0.8471,
0.4624

273.5655,

 0.9521, 0.0000,

232.4016, 234.6596

0.0000

326.3782,
280.7944, 284.8481

■ 0.0000, 0.0000,
0.0000

■ 52.2172, 37.5018,
35.4968

■ 52.2172, 37.5018,
35.4968

■ 47.9228, 31.2759,
26.7808

■ 57.5545, 45.4089,
45.8080

■ 44.5975, 26.6029,
19.5759

■ 63.9957, 55.1017,
57.7881

■ 42.1625, 23.3454,
13.7933

■ 71.6005, 66.6829,
71.5087

■ 40.5244, 21.3388,
9.3329

■ 80.4233, 80.2457,
87.0364

■ 39.5515, 20.3447,
6.0745

■ 90.5151, 95.8771,
104.4343

■ 39.4594, 20.2557,
5.7506

■ 92.5214, 98.6965,
108.7817

Harmonies

Analogous

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



50.9772, 37.5018, 58.9430



52.2172, 37.5018, 35.4968



48.5407, 37.5018, 20.1966

Triad

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



52.2172, 37.5018, 35.4968



27.4255, 37.5018, 15.8160



30.3618, 37.5018, 93.2048

Complementary

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



52.2172, 37.5018, 35.4968



55.2400, 76.8151, 79.6300

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.



25.2621, 37.5018, 72.1877



52.2172, 37.5018, 35.4968



23.7428, 37.5018, 26.8739

Square

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



52.2172, 37.5018, 35.4968



33.7288, 37.5018, 11.7757



23.0113, 37.5018, 46.6790



37.6311, 37.5018, 98.0992

Rectangle

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



52.2172, 37.5018, 35.4968



44.0672, 37.5018, 14.6608



23.0113, 37.5018, 46.6790



28.3695, 37.5018, 87.5036

Sweetspot

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



52.2182, 37.5037, 35.4975



79.6611, 76.2260, 82.1784



53.9788, 37.1375, 93.1302



16.6398, 15.6850, 16.8624



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.



52.2182, 37.5037, 35.4975



50.9323, 33.1463, 28.2773



54.9876, 46.3789, 26.1351



17.4091, 17.2910, 18.7442



21.3601, 10.9598, 3.3390



2.0172, 1.0306, 0.5138

Inverse Universe

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



52.2182, 37.5037, 35.4975



50.9323, 33.1463, 28.2773



50.1849, 60.2661, 97.7945



17.4091, 17.2910, 18.7442



21.3601, 10.9598, 3.3390



2.0172, 1.0306, 0.5138

Previews

White Background



This preview shows how the XYZ color 52.2172, 37.5018, 35.4968 looks on a white background.

Color Contrast Check

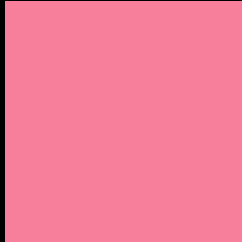
Large Text (above 18pt) WCAG AA × Fail

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 52.2172, 37.5018, 35.4968 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 52.2172, 37.5018, 35.4968

Background



This preview shows how black text looks on a background with the XYZ color 52.2172, 37.5018, 35.4968.



This preview shows how white text looks on a background with the XYZ color 52.2172, 37.5018,

35.4968.

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

52.2172, 37.5018, 35.4968

Protanopia

36.6290, 37.6848, 46.4176

Deuteranopia

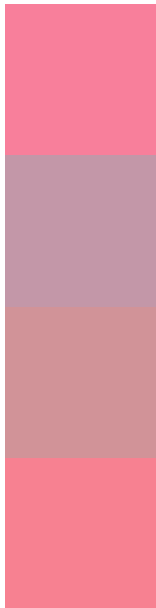
38.3967, 37.5631, 34.0808



Tritanopia

51.0006, 37.6035, 28.9963

Trichromacy



Original Color

52.2172, 37.5018, 35.4968

Protanomaly

40.6402, 36.5625, 41.9611

Deuteranomaly

42.3957, 36.6897, 34.5531

Tritanomaly

51.3189, 37.5190, 31.3252

Monochromacy



Original Color

52.2172, 37.5018, 35.4968

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.5148, 36.8009, 39.1503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2172, 37.5018, 35.4968 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(248, 127, 155)` looks like.

```
.text, #text, p{  
    color:rgb(248, 127, 155)  
}
```

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(248, 127, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 127, 155) }
```

Border

The CSS property to change the border of an element to XYZ 52.2172, 37.5018, 35.4968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

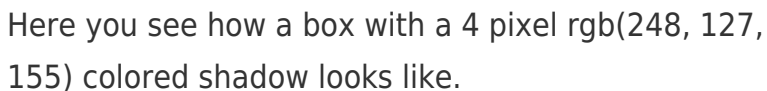
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 127, 155) }
```


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

```
.border{ border-color:rgb(248, 127, 155) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 127, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 127, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 127, 155); box-shadow:4px 4px 4px 4px rgb(248, 127, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2172, 37.5018, 35.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 127, 155) }
```

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

```
.background{ background-color: rgb(248,  
127, 155) }
```

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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