

Converting Colors

XYZ(62.3737, 40.7494, 47.5342)

Have a look what the booklet for
XYZ(62.3737, 40.7494, 47.5342)
contains.

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Color

**XYZ(55.9567, 37.5122,
47.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76B4
RGB	255, 118, 180
RGB Percent	100%, 46%, 71%
CMY	0.0000, 0.5372, 0.2941
CMYK	0.00, 0.54, 0.29, 0.00
HSL	333°, 100%, 73%
HSV	333°, 54%, 100%
XYZ	55.9567, 37.5122, 47.4713
YIQ	166.0310, 61.7500, 48.3260

Conversions

Conversions Part 2

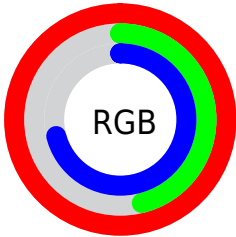
Format	Color
R_{YB}	255, 118, 180
Decimal	16742068
CIE _{Lab}	67.66, 58.46, -7.41
CIE _{LCh}	68, 58.925, 352.772
Yxy	37.5122, 0.3970, 0.2662
Android (android.graphics.Color)	4294932148 (0xFFFF76B4)
YUV	166.0310, 6.8867, 78.0258
Hunter-Lab	61.2472, 55.8986, -3.0813

Details

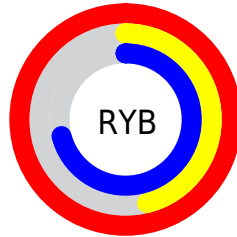
The XYZ color **55.9567, 37.5122, 47.4713** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.8587, 79.2227, 62.9618**, and the grayscale version is **36.2087, 38.0943, 41.4847**.

A 20% lighter version of the original color is **71.5164, 57.5882, 86.7032**, and **28.0591, 16.5797, 21.8000** is the 20% darker color. If you saturate the color by 10%, you get **51.9979, 31.7572, 39.4848**, and if you desaturate by 10%, it is **60.8721, 44.9510, 56.4842**.

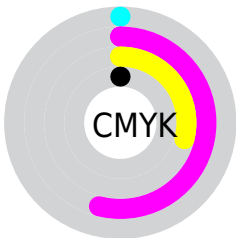
Distribution



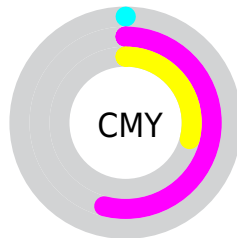
- Red (100%)
- Green (46%)
- Blue (71%)



- Red (100%)
- Yellow (46%)
- Blue (71%)



- Cyan (0%)
- Magenta (54%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9567, 37.5122, 47.4713 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 55.9567, 37.5122, 47.4713 by changing the saturation by 10% instead.


 55.9567, 37.5122,
47.4713

 55.9567, 37.5122,
47.4713

399.6060,
335.5228, 393.1407


 40.4051, 25.6043,
33.0514


 98.0814, 71.3599,
87.7740

 28.0401, 16.5279,
21.8944


 125.3853, 94.0684,
114.4939

 18.4965, 9.8984,
13.5817


 157.3372,
121.1460, 146.1509

 11.4089, 5.3317,
7.6949

194.3026,
152.9769, 183.1635

 6.4119, 2.4432,
3.8154

236.6468,
189.9457, 225.9502

 3.1401, 0.8480,
1.5246

284.7352,

 1.2283, 0.0000,

232.4367, 274.9296

0.2362

338.9332,
280.8342, 330.5203

■ 0.1285, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9567, 37.5122,
47.4713

■ 55.9567, 37.5122,
47.4713

■ 51.9979, 31.7572,
39.4848

■ 60.8721, 44.9510,
56.4842

■ 48.9216, 27.5448,
32.4782

■ 66.8050, 54.1891,
66.5625

■ 46.6467, 24.7197,
26.4028

■ 73.8140, 65.3376,
77.7455

■ 45.0735, 23.0901,
21.2026

■ 81.9527, 78.4975,
90.0693

■ 44.3573, 22.5069,
18.3454

■ 91.2707, 93.7623,
103.5683

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.



51.4606, 37.5122, 79.2292



55.9567, 37.5122, 47.4713



54.3205, 37.5122, 24.3709

Triad

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



55.9567, 37.5122, 47.4713



29.3076, 37.5122, 9.8918



26.0909, 37.5122, 95.0725

Complementary

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



55.9567, 37.5122, 47.4713



52.8587, 79.2227, 62.9618

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.



21.8444, 37.5122, 63.4455



55.9567, 37.5122, 47.4713



23.4694, 37.5122, 17.4286

Square

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



55.9567, 37.5122, 47.4713



37.8987, 37.5122, 8.5918



20.9736, 37.5122, 34.8649



33.5002, 37.5122, 113.3484

Rectangle

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



55.9567, 37.5122, 47.4713



50.0850, 37.5122, 15.4095



20.9736, 37.5122, 34.8649



24.3015, 37.5122, 85.1403

Sweetspot

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



55.9576, 37.5140, 47.4720



79.9971, 75.3184, 87.1603



46.0329, 31.2642, 98.2161



16.7555, 15.5261, 18.1043



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.



55.9576, 37.5140, 47.4720



51.9009, 31.6201, 39.2773



51.5407, 36.6287, 21.4955



18.3511, 18.1238, 20.4662



23.2506, 11.7895, 9.9700



2.3180, 1.1696, 1.2562

Inverse Universe

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



55.9576, 37.5140, 47.4720



51.9009, 31.6201, 39.2773



59.8428, 79.7131, 106.8399



18.3511, 18.1238, 20.4662



23.2506, 11.7895, 9.9700



2.3180, 1.1696, 1.2562

Previews

White Background



This preview shows how the XYZ color 55.9567, 37.5122, 47.4713 looks on a white background.

Color Contrast Check

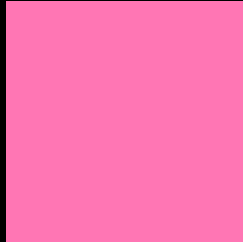
Large Text (above 18pt) WCAG AA × Fail

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 55.9567, 37.5122, 47.4713 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 55.9567, 37.5122, 47.4713

Background



This preview shows how black text looks on a background with the XYZ color 55.9567, 37.5122, 47.4713.



This preview shows how white text looks on a background with the XYZ color 55.9567, 37.5122,

47.4713.

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

55.9567, 37.5122, 47.4713

Protanopia

38.0565, 37.7176, 66.2472

Deuteranopia

38.4737, 37.6237, 44.7695



Tritanopia

51.8170, 37.4655, 27.7931

Trichromacy



Original Color

55.9567, 37.5122, 47.4713



Protanomaly

42.2284, 36.0673, 58.7688



Deuteranomaly

43.4155, 36.5072, 45.8326



Tritanomaly

53.0200, 37.3777, 34.1259

Monochromacy



Original Color

55.9567, 37.5122, 47.4713



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

41.3868, 36.4409, 43.3806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9567, 37.5122, 47.4713 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, 118, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 180)  
}
```

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, 118, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 180) }
```

Border

The CSS property to change the border of an element to XYZ 55.9567, 37.5122, 47.4713 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, 118, 180) }
```


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

```
.border{ border-color:rgb(255, 118, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9567, 37.5122, 47.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 180) }
```

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

```
.background{ background-color: rgb(255,  
118, 180) }
```

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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