

Converting Colors

XYZ(55.5878, 37.9848, 43.6174)

Have a look what the booklet for
XYZ(55.5878, 37.9848, 43.6174)
contains.

XYZ(55.5238, 37.9133, 43.4213)	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(55.5238, 37.9133,
43.4213)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79AC
RGB	255, 121, 172
RGB Percent	100%, 47%, 67%
CMY	0.0000, 0.5255, 0.3255
CMYK	0.00, 0.53, 0.33, 0.00
HSL	337°, 100%, 74%
HSV	337°, 53%, 100%
XYZ	55.5238, 37.9133, 43.4213
YIQ	166.8800, 63.4930, 44.2690

Conversions

Conversions Part 2

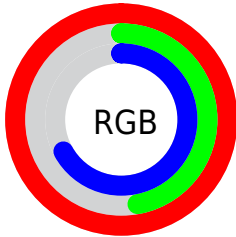
Format	Color
R_{YB}	255, 121, 172
Decimal	16742828
CIE _{Lab}	67.96, 56.09, -2.46
CIE _{LCh}	68, 56.147, 357.489
Yxy	37.9133, 0.4057, 0.2770
Android (android.graphics.Color)	4294932908 (0xFFFF79AC)
YUV	166.8800, 2.5242, 77.2812
Hunter-Lab	61.5738, 53.2072, 1.2908

Details

The XYZ color **55.5238, 37.9133, 43.4213** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.5461, 79.9455, 69.6871**, and the grayscale version is **36.6399, 38.5480, 41.9788**.

A 20% lighter version of the original color is **70.8273, 58.2503, 80.1835**, and **27.7861, 16.7388, 19.5357** is the 20% darker color. If you saturate the color by 10%, you get **51.3962, 31.9434, 35.0005**, and if you desaturate by 10%, it is **60.6525, 45.5967, 53.0662**.

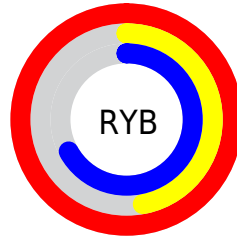
Distribution



Red (100%)

Green (47%)

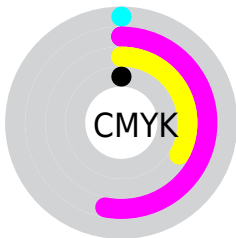
Blue (67%)



Red (100%)

Yellow (47%)

Blue (67%)

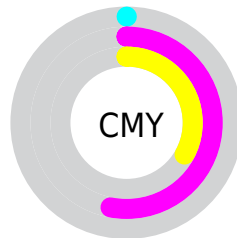


Cyan (0%)

Magenta (53%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5238, 37.9133, 43.4213 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 55.5238, 37.9133, 43.4213 by changing the saturation by 10% instead.


 55.5238, 37.9133,
43.4213


 55.5238, 37.9133,
43.4213


397.9986,
337.2479, 376.3135


 40.0567, 25.9154,
29.8820


 97.4518, 71.9752,
81.6394

 27.7672, 16.7604,
19.4977


 124.6435, 94.8081,
107.1552

 18.2898, 10.0638,
11.8500


 156.4742,
122.0213, 137.5003

 11.2592, 5.4413,
6.5203

193.3091,
153.9994, 173.0932

 6.3100, 2.5084,
3.0901

235.5136,
191.1267, 214.3524

 3.0769, 0.8809,
1.1408

283.4531,

 1.1946, 0.0000,

233.7876, 261.6965

0.0000

337.4930,
282.3666, 315.5440

■ 0.1021, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5238, 37.9133,
43.4213

■ 55.5238, 37.9133,
43.4213

■ 51.3962, 31.9434,
35.0005

■ 60.6525, 45.5967,
53.0662

■ 48.1945, 27.5468,
27.7466

■ 66.8441, 55.1080,
63.9842

■ 45.8368, 24.5702,
21.5997

■ 74.1590, 66.5583,
76.2239

■ 44.2236, 22.8262,
16.4919

■ 82.6515, 80.0481,
89.8305

■ 43.3998, 22.1239,
13.3031

■ 92.3728, 95.6710,
104.8467

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.



52.1112, 37.9133, 72.8546



55.5238, 37.9133, 43.4213



53.0565, 37.9133, 22.8412

Triad

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



55.5238, 37.9133, 43.4213



28.8346, 37.9133, 11.6491



27.7516, 37.9133, 96.4847

Complementary

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



55.5238, 37.9133, 43.4213



54.5461, 79.9455, 69.6871

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.



23.1102, 37.9133, 67.6607



55.5238, 37.9133, 43.4213



23.6609, 37.9133, 20.4718

Square

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



55.5238, 37.9133, 43.4213



36.7752, 37.9133, 9.4854



21.7418, 37.9133, 39.2125



35.3057, 37.9133, 110.2700

Rectangle

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



55.5238, 37.9133, 43.4213



48.5991, 37.9133, 15.0308



21.7418, 37.9133, 39.2125



25.8483, 37.9133, 87.7809

Sweetspot

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



55.5248, 37.9152, 43.4220



79.5818, 75.1523, 84.9736



49.6905, 33.6826, 98.4902



16.6569, 15.4867, 17.5852



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.



55.5248, 37.9152, 43.4220



51.2314, 31.7108, 34.6464



53.5862, 40.4298, 23.0710



18.2954, 18.1015, 20.1727



22.7442, 11.5870, 7.3035



2.2657, 1.1487, 0.9808

Inverse Universe

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



55.5248, 37.9152, 43.4220



51.2314, 31.7108, 34.6464



56.9104, 73.2339, 105.7438



18.2954, 18.1015, 20.1727



22.7442, 11.5870, 7.3035



2.2657, 1.1487, 0.9808

Previews

White Background



This preview shows how the XYZ color 55.5238, 37.9133, 43.4213 looks on a white background.

Color Contrast Check

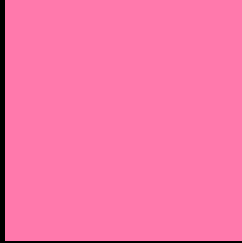
Large Text (above 18pt) WCAG AA × Fail

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 55.5238, 37.9133, 43.4213 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 55.5238, 37.9133, 43.4213

Background



This preview shows how black text looks on a background with the XYZ color 55.5238, 37.9133, 43.4213.



This preview shows how white text looks on a background with the XYZ color 55.5238, 37.9133,

43.4213.

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

55.5238, 37.9133, 43.4213

Protanopia

38.0620, 38.4047, 59.4396

Deuteranopia

38.9192, 38.1880, 41.3961



Tritanopia

52.3794, 37.9399, 28.2294

Trichromacy



Original Color

55.5238, 37.9133, 43.4213



Protanomaly

42.1809, 36.6383, 52.9928



Deuteranomaly

43.6413, 36.9402, 41.8758



Tritanomaly

53.3466, 37.7519, 33.3293

Monochromacy



Original Color

55.5238, 37.9133, 43.4213



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

41.6210, 36.8194, 42.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5238, 37.9133, 43.4213 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, 121, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 172)  
}
```

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, 121, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 172) }
```

Border

The CSS property to change the border of an element to XYZ 55.5238, 37.9133, 43.4213 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, 121, 172) }
```


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

```
.border{ border-color:rgb(255, 121, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5238, 37.9133, 43.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 172) }
```

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

```
.background{ background-color: rgb(255,  
121, 172) }
```

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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