

Converting Colors

XYZ(54.3743, 37.8783, 40.5906)

Have a look what the booklet for
XYZ(54.3743, 37.8783, 40.5906)
contains.

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Color

**XYZ(54.2355, 37.8639,
40.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7CA6
RGB	252, 124, 166
RGB Percent	99%, 49%, 65%
CMY	0.0118, 0.5137, 0.3490
CMYK	0.00, 0.51, 0.34, 0.01
HSL	340°, 96%, 74%
HSV	340°, 51%, 99%
XYZ	54.2355, 37.8639, 40.5263
YIQ	167.0600, 62.8060, 40.1980

Conversions

Conversions Part 2

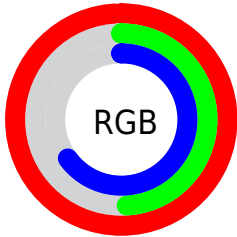
Format	Color
R _Y B	252, 124, 166
Decimal	16546982
CIE Lab	67.92, 52.99, 0.82
CIE LCh	68, 52.998, 0.892
Yxy	37.8639, 0.4089, 0.2855
Android (android.graphics.Color)	4294737062 (0xFFFC7CA6)
YUV	167.0600, -0.5226, 74.4924
Hunter-Lab	61.5336, 49.6453, 4.0249

Details

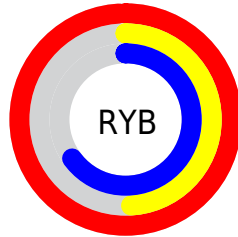
The XYZ color **54.2355, 37.8639, 40.5263** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.7574, 78.5601, 73.2548**, and the grayscale version is **36.7420, 38.6555, 42.0958**.

A 20% lighter version of the original color is **70.6124, 59.1230, 76.0968**, and **26.9036, 16.6776, 17.7207** is the 20% darker color. If you saturate the color by 10%, you get **50.0189, 31.7548, 31.9555**, and if you desaturate by 10%, it is **59.4655, 45.6721, 50.4445**.

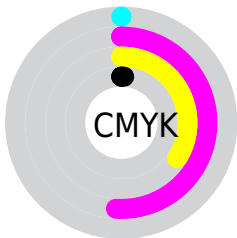
Distribution



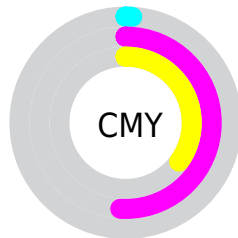
- Red (99%)
- Green (49%)
- Blue (65%)



- Red (99%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (51%)
- Yellow (34%)
- Black (1%)





- Cyan (1%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2355, 37.8639, 40.5263 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 54.2355, 37.8639, 40.5263 by changing the saturation by 10% instead.


 54.2355, 37.8639,
40.5263

 54.2355, 37.8639,
40.5263


393.1911,
337.0358, 363.9547


 39.0214, 25.8771,
27.6322


 95.5748, 71.8995,
77.2101

 26.9572, 16.7317,
17.8120


 122.4307, 94.7170,
101.8369

 17.6775, 10.0434,
10.6470


 153.8979,
121.9136, 131.2118

 10.8170, 5.4277,
5.7189

190.3418,
153.8736, 165.7531

 6.0103, 2.5003,
2.6089

232.1277,
190.9814, 205.8795

 2.8920, 0.8768,
0.8970

279.6210,

 1.0969, 0.0000,

233.6215, 252.0096

0.0000

333.1870,
282.1781, 304.5618

■ 0.0226, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2355, 37.8639,
40.5263

■ 54.2355, 37.8639,
40.5263

■ 50.0189, 31.7548,
31.9555

■ 59.4655, 45.6721,
50.4445

■ 46.7418, 27.2105,
24.6674

■ 65.7694, 55.2890,
61.7663

■ 44.3250, 24.0854,
18.5942

■ 73.2064, 66.8216,
74.5468

■ 42.6730, 22.2035,
13.6594

■ 81.8305, 80.3668,
88.8374

■ 41.6940, 21.3151,
10.0355

■ 91.6921, 96.0150,
104.6871

■ 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



51.6540, 37.8639, 67.4259



54.2355, 37.8639, 40.5263



51.3414, 37.8639, 22.0678

Triad

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



54.2355, 37.8639, 40.5263



28.4625, 37.8639, 13.2903



28.8288, 37.8639, 94.8276

Complementary

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



54.2355, 37.8639, 40.5263



54.7574, 78.5601, 73.2548

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.



24.0491, 37.8639, 69.1353



54.2355, 37.8639, 40.5263



23.8614, 37.8639, 22.8827

Square

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



54.2355, 37.8639, 40.5263



35.7429, 37.8639, 10.4942



22.3757, 37.8639, 41.9364



36.2353, 37.8639, 105.1408

Rectangle

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



54.2355, 37.8639, 40.5263



46.9173, 37.8639, 15.1188



22.3757, 37.8639, 41.9364



26.9041, 37.8639, 87.3188

Sweetspot

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



54.2365, 37.8658, 40.5270



80.1732, 76.4308, 84.8752



51.1689, 35.0498, 96.1641



16.7620, 15.7339, 17.5060



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.



54.2365, 37.8658, 40.5270



51.2887, 32.4868, 32.6266



53.9609, 42.5056, 24.4315



17.4794, 17.3191, 19.1143



21.7790, 11.1273, 5.5445



2.0638, 1.0492, 0.7593

Inverse Universe

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



54.2365, 37.8658, 40.5270



51.2887, 32.4868, 32.6266



54.3671, 68.2801, 102.4096



17.4794, 17.3191, 19.1143



21.7790, 11.1273, 5.5445



2.0638, 1.0492, 0.7593

Previews

White Background



This preview shows how the XYZ color 54.2355, 37.8639, 40.5263 looks on a white background.

Color Contrast Check

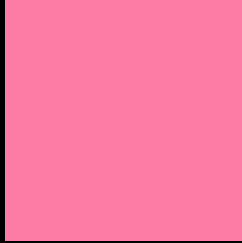
Large Text (above 18pt) WCAG AA × Fail

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 54.2355, 37.8639, 40.5263 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 54.2355, 37.8639, 40.5263

Background



This preview shows how black text looks on a background with the XYZ color 54.2355, 37.8639, 40.5263.



This preview shows how white text looks on a background with the XYZ color 54.2355, 37.8639,

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

54.2355, 37.8639, 40.5263

Protanopia

37.5570, 38.2489, 54.6935

Deuteranopia

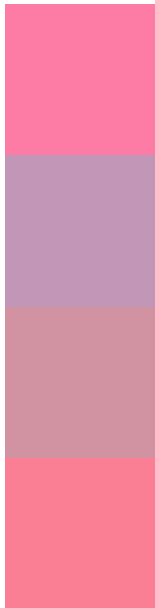
38.6831, 37.8700, 38.5285



Tritanopia

51.8620, 37.8595, 28.6189

Trichromacy



Original Color

54.2355, 37.8639, 40.5263

Protanomaly

41.5980, 36.6594, 49.1395

Deuteranomaly

43.2498, 37.0314, 39.0507

Tritanomaly

52.7183, 37.8261, 32.5396

Monochromacy



Original Color

54.2355, 37.8639, 40.5263

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

41.3304, 36.9290, 41.5089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2355, 37.8639, 40.5263 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(252, 124, 166)` looks like.

```
.text, #text, p{  
    color:rgb(252, 124, 166)  
}
```

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(252, 124, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 124, 166) }
```

Border

The CSS property to change the border of an element to XYZ 54.2355, 37.8639, 40.5263 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(252, 124, 166) }
```


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

```
.border{ border-color:rgb(252, 124, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 124, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 124, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 124, 166);  
box-shadow:4px 4px 4px 4px rgb(252, 124,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2355, 37.8639, 40.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 124, 166) }
```

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

```
.background{ background-color: rgb(252,  
124, 166) }
```

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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