

Converting Colors

XYZ(54.7950, 37.4897, 41.1169)

Have a look what the booklet for
XYZ(54.7950, 37.4897, 41.1169)
contains.

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Color

**XYZ(54.5646, 37.2938,
40.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	FE78A7
RGB	254, 120, 167
RGB Percent	100%, 47%, 65%
CMY	0.0039, 0.5294, 0.3451
CMYK	0.00, 0.53, 0.34, 0.00
HSL	339°, 99%, 73%
HSV	339°, 53%, 100%
XYZ	54.5646, 37.2938, 40.8818
YIQ	165.4240, 64.7770, 43.0250

Conversions

Conversions Part 2

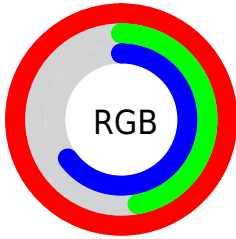
Format	Color
R_{YB}	254, 120, 167
Decimal	16677031
CIE Lab	67.50, 55.65, -0.32
CIE LCh	67, 55.655, 359.666
Yxy	37.2938, 0.4111, 0.2810
Android (android.graphics.Color)	4294867111 (0xFFFE78A7)
YUV	165.4240, 0.7770, 77.6812
Hunter-Lab	61.0686, 52.6189, 3.0570

Details

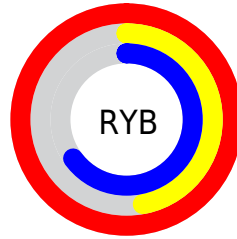
The XYZ color **54.5646, 37.2938, 40.8818** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.4520, 79.3827, 71.4884**, and the grayscale version is **35.9436, 37.8155, 41.1811**.

A 20% lighter version of the original color is **69.9502, 57.5846, 76.5354**, and **27.1760, 16.3739, 17.9478** is the 20% darker color. If you saturate the color by 10%, you get **50.4762, 31.4032, 32.4706**, and if you desaturate by 10%, it is **59.6596, 44.8859, 50.5885**.

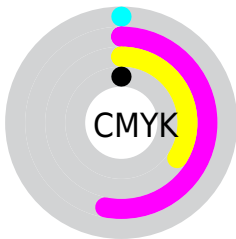
Distribution



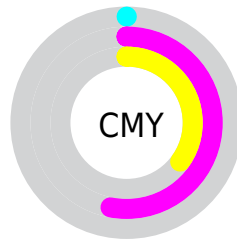
- Red (100%)
- Green (47%)
- Blue (65%)



- Red (100%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (53%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5646, 37.2938, 40.8818 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 54.5646, 37.2938, 40.8818 by changing the saturation by 10% instead.


 54.5646, 37.2938,
40.8818

 54.5646, 37.2938,
40.8818


394.4227,
334.5808, 365.4884


 39.2857, 25.4350,
27.9077


 96.0548, 71.0244,
77.7561

 27.1638, 16.4015,
18.0177


 122.9968, 93.6651,
102.4935

 17.8335, 9.8087,
10.7931


 154.5572,
120.6685, 131.9891

 10.9295, 5.2723,
5.8155

191.1013,
152.4191, 166.6613

 6.0864, 2.4079,
2.6662

232.9946,
189.3012, 206.9288

 2.9388, 0.8299,
0.9264

280.6023,

 1.1215, 0.0000,

231.6992, 253.2102

0.0000

334.2899,
279.9976, 305.9238

■ 0.0430, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5646, 37.2938,
40.8818

■ 54.5646, 37.2938,
40.8818

■ 50.4762, 31.4032,
32.4706

■ 59.6596, 44.8859,
50.5885

■ 47.3183, 27.0744,
25.2925

■ 65.8232, 54.2935,
61.6445

■ 45.0085, 24.1547,
19.2821

■ 73.1163, 65.6270,
74.1028

■ 43.4467, 22.4570,
14.3653

■ 81.5938, 78.9867,
88.0125

■ 42.6797, 21.7935,
11.4263

■ 91.3070, 94.4654,
103.4205

94.6831, 99.8109,
108.8828

Harmonies

Analogous

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



51.6183, 37.2938, 69.3379



54.5646, 37.2938, 40.8818



51.7415, 37.2938, 21.4728

Triad

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



54.5646, 37.2938, 40.8818



27.9147, 37.2938, 11.8918



27.7733, 37.2938, 96.3259

Complementary

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



54.5646, 37.2938, 40.8818



54.4520, 79.3827, 71.4884

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.



22.9917, 37.2938, 68.6607



54.5646, 37.2938, 40.8818



23.0637, 37.2938, 21.1633

Square

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



54.5646, 37.2938, 40.8818



35.5426, 37.2938, 9.3723



21.4144, 37.2938, 40.3327



35.3509, 37.2938, 108.2536

Rectangle

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



54.5646, 37.2938, 40.8818



47.1909, 37.2938, 14.2470



21.4144, 37.2938, 40.3327



25.8329, 37.2938, 88.1255

Sweetspot

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



54.5656, 37.2957, 40.8825



79.4116, 75.0842, 84.0772



49.7477, 33.5512, 97.6201



16.6166, 15.4706, 17.3728



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.



54.5656, 37.2957, 40.8825



50.8349, 31.5522, 32.5582



53.3341, 40.5677, 22.7911



18.2724, 18.0923, 20.0517



22.5641, 11.5149, 6.3552



2.2464, 1.1409, 0.8791

Inverse Universe

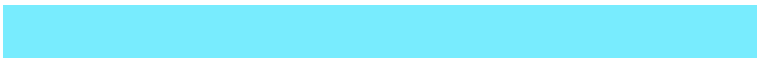
The Inverse Universe completely reimagines the original color for something new.



54.5656, 37.2957, 40.8825



50.8349, 31.5522, 32.5582



55.6704, 71.2178, 104.5783



18.2724, 18.0923, 20.0517



22.5641, 11.5149, 6.3552



2.2464, 1.1409, 0.8791

Previews

White Background



This preview shows how the XYZ color 54.5646, 37.2938, 40.8818 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 54.5646, 37.2938, 40.8818 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 54.5646, 37.2938, 40.8818

Background



This preview shows how black text looks on a background with the XYZ color 54.5646, 37.2938, 40.8818.



This preview shows how white text looks on a background with the XYZ color 54.5646, 37.2938,

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

54.5646, 37.2938, 40.8818

Protanopia

37.1329, 37.4604, 56.3124

Deuteranopia

38.1226, 37.3146, 38.9114



Tritanopia

51.6177, 37.1802, 27.3776

Trichromacy



Original Color

54.5646, 37.2938, 40.8818



Protanomaly

41.3336, 35.7975, 50.0785



Deuteranomaly

42.7487, 36.3050, 39.4048



Tritanomaly

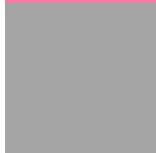
52.6190, 37.2173, 32.0141

Monochromacy



Original Color

54.5646, 37.2938, 40.8818



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

40.6563, 36.1184, 40.9051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5646, 37.2938, 40.8818 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(254, 120, 167)` looks like.

```
.text, #text, p{  
    color:rgb(254, 120, 167)  
}
```

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(254, 120, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 120, 167) }
```

Border

The CSS property to change the border of an element to XYZ 54.5646, 37.2938, 40.8818 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(254, 120, 167) }
```


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

```
.border{ border-color:rgb(254, 120, 167) }
```

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

Here you see how a box with a 4 pixel rgb(254, 120, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 120, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 120, 167);  
box-shadow:4px 4px 4px 4px rgb(254, 120,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5646, 37.2938, 40.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 120, 167) }
```

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

```
.background{ background-color: rgb(254,  
120, 167) }
```

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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