

Converting Colors

XYZ(56.6998, 44.2306, 37.5624)

Have a look what the booklet for
XYZ(56.6998, 44.2306, 37.5624)
contains.

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Color

**XYZ(56.8206, 44.3096,
37.4561)**

Conversions

Conversions Part 1

Format	Color
Hex	FC949D
RGB	252, 148, 157
RGB Percent	99%, 58%, 62%
CMY	0.0118, 0.4196, 0.3843
CMYK	0.00, 0.41, 0.38, 0.01
HSL	355°, 95%, 78%
HSV	355°, 41%, 99%
XYZ	56.8206, 44.3096, 37.4561
YIQ	180.1220, 59.0950, 24.8470

Conversions

Conversions Part 2

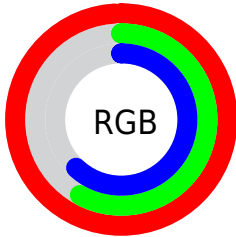
Format	Color
RYB	252, 148, 157
Decimal	16553117
CIELab	72.43, 40.02, 12.34
CIELCh	72, 41.878, 17.134
Yxy	44.3096, 0.4100, 0.3197
Android (android.graphics.Color)	4294743197 (0xFFFC949D)
YUV	180.1220, -11.3991, 63.0370
Hunter-Lab	66.5655, 35.8789, 13.2336

Details

The XYZ color **56.8206, 44.3096, 37.4561** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2030, 82.3888, 97.3702**, and the grayscale version is **43.4862, 45.7508, 49.8227**.

A 20% lighter version of the original color is **74.3538, 68.6750, 70.9648**, and **28.6860, 20.5625, 16.0927** is the 20% darker color. If you saturate the color by 10%, you get **51.5056, 36.5342, 26.8843**, and if you desaturate by 10%, it is **63.3686, 53.9582, 50.2666**.

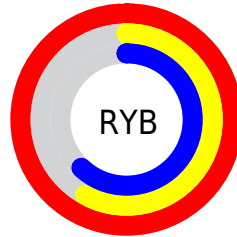
Distribution



Red (99%)

Green (58%)

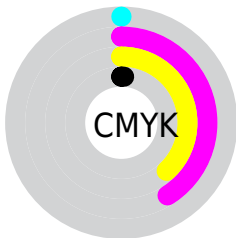
Blue (62%)



Red (99%)

Yellow (58%)

Blue (62%)

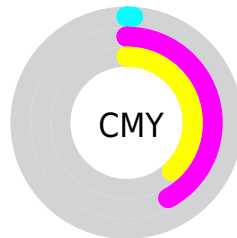


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8206, 44.3096, 37.4561 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 56.8206, 44.3096, 37.4561 by changing the saturation by 10% instead.

 56.8206, 44.3096,
37.4561

 56.8206, 44.3096,
37.4561


402.8018,
363.9702, 350.5090

 41.1008, 30.9140,
25.2623


 99.3362, 81.6834,
72.4679

 28.5859, 20.5334,
16.0518


 126.8628,
106.4304, 96.1229

 18.9105, 12.7833,
9.4060

159.0556,
135.7300, 124.4354

 11.7092, 7.2795,
4.9066

196.2802,
169.9665, 157.8239

 6.6168, 3.6375,
2.1348

238.9017,
209.5244, 196.7070

 3.2678, 1.4729,
0.6363

287.2855,

 1.2969, 0.2696,

254.7880, 241.5031

0.0000

341.7971,
306.1418, 292.6310

■ 0.1809, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8206, 44.3096,
37.4561

■ 56.8206, 44.3096,
37.4561

■ 51.5056, 36.5342,
26.8843

■ 63.3686, 53.9582,
50.2666

■ 47.3429, 30.5043,
18.4200

■ 71.2166, 65.5837,
65.4316

■ 44.2476, 26.0866,
11.9225

■ 80.4311, 79.2902,
83.0619

■ 42.1215, 23.1258,
7.2324

■ 91.0728, 95.1723,
103.2606

■ 40.8480, 21.4360,
4.1656

93.9549, 99.4354,
108.8487

■ 40.2877, 20.7526,
2.6310

Harmonies

Analogous

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



57.1480, 44.3096, 57.6495



56.8206, 44.3096, 37.4561



52.2808, 44.3096, 24.5808

Triad

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



56.8206, 44.3096, 37.4561



32.7385, 44.3096, 25.9408



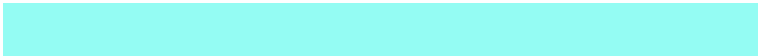
39.0992, 44.3096, 98.3031

Complementary

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



56.8206, 44.3096, 37.4561



63.2030, 82.3888, 97.3702

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.



33.3605, 44.3096, 83.6413



56.8206, 44.3096, 37.4561



29.9806, 44.3096, 39.9244

Square

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



56.8206, 44.3096, 37.4561



38.1565, 44.3096, 19.3557



30.1944, 44.3096, 60.9305



46.3381, 44.3096, 97.0765

Rectangle

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



56.8206, 44.3096, 37.4561



47.7420, 44.3096, 20.1046



30.1944, 44.3096, 60.9305



36.9484, 44.3096, 94.9259

Sweetspot

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



56.8218, 44.3118, 37.4569



81.8748, 80.3352, 83.8977



64.6427, 47.0169, 97.7636



17.2452, 16.7790, 17.4247



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.



56.8218, 44.3118, 37.4569



53.5198, 38.4185, 28.8400



63.8186, 59.4895, 36.1389



17.3055, 17.2496, 18.1988



21.0079, 10.8189, 1.4839



1.9658, 1.0101, 0.2433

Inverse Universe

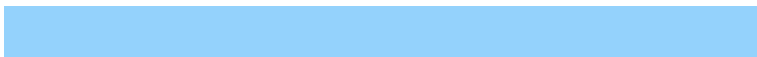
The Inverse Universe completely reimagines the original color for something new.



56.8218, 44.3118, 37.4569



53.5198, 38.4185, 28.8400



52.9309, 59.6172, 100.8129



17.3055, 17.2496, 18.1988



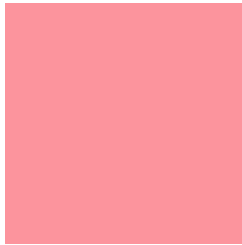
21.0079, 10.8189, 1.4839



1.9658, 1.0101, 0.2433

Previews

White Background



This preview shows how the XYZ color 56.8206, 44.3096, 37.4561 looks on a white background.

Color Contrast Check

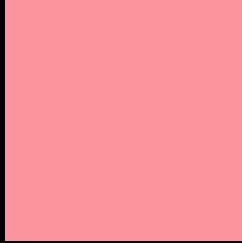
Large Text (above 18pt) WCAG AA × Fail

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 56.8206, 44.3096, 37.4561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

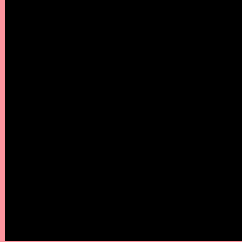
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8206, 44.3096, 37.4561

Background



This preview shows how black text looks on a background with the XYZ color 56.8206, 44.3096, 37.4561.



This preview shows how white text looks on a background with the XYZ color 56.8206, 44.3096,

37.4561.

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

56.8206, 44.3096, 37.4561

Protanopia

42.7934, 44.5287, 45.8746

Deuteranopia

45.2145, 44.2631, 36.2976



Tritanopia

56.9928, 44.3785, 38.3629

Trichromacy



Original Color

56.8206, 44.3096, 37.4561

Protanomaly

46.6237, 43.4724, 42.4929

Deuteranomaly

48.7487, 43.8996, 36.4760

Tritanomaly

56.9063, 44.3439, 37.9077

Monochromacy



Original Color

56.8206, 44.3096, 37.4561

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.9026, 44.1056, 45.0709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8206, 44.3096, 37.4561 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, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(252, 148, 157)  
}
```

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, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 148, 157) }
```

Border

The CSS property to change the border of an element to XYZ 56.8206, 44.3096, 37.4561 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, 148, 157) }
```


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

```
.border{ border-color:rgb(252, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(252, 148,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8206, 44.3096, 37.4561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 148, 157) }
```

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

```
.background{ background-color: rgb(252,  
148, 157) }
```

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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