

Converting Colors

XYZ(56.2395, 43.9580, 37.6906)

Have a look what the booklet for
XYZ(56.2395, 43.9580, 37.6906)
contains.

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Color

**XYZ(56.1858, 43.9724,
37.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	FA949E
RGB	250, 148, 158
RGB Percent	98%, 58%, 62%
CMY	0.0196, 0.4196, 0.3804
CMYK	0.00, 0.41, 0.37, 0.02
HSL	354°, 91%, 78%
HSV	354°, 41%, 98%
XYZ	56.1858, 43.9724, 37.8740
YIQ	179.6380, 57.5820, 24.7340

Conversions

Conversions Part 2

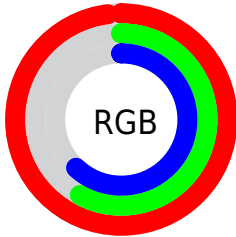
Format	Color
R_{YB}	250, 148, 158
Decimal	16422046
CIE _{Lab}	72.21, 39.41, 11.43
CIE _{LCh}	72, 41.038, 16.173
Yxy	43.9724, 0.4070, 0.3186
Android (android.graphics.Color)	4294612126 (0xFFFA949E)
YUV	179.6380, -10.6675, 61.7075
Hunter-Lab	66.3117, 35.1973, 12.5546

Details

The XYZ color **56.1858, 43.9724, 37.8740** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.1286, 80.9594, 94.7946**, and the grayscale version is **43.2233, 45.4742, 49.5214**.

A 20% lighter version of the original color is **74.6062, 68.7760, 72.2937**, and **28.2319, 20.3223, 16.3445** is the 20% darker color. If you saturate the color by 10%, you get **50.9131, 36.2536, 27.4027**, and if you desaturate by 10%, it is **62.6637, 53.5315, 50.5050**.

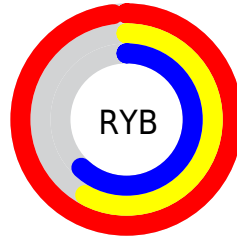
Distribution



Red (98%)

Green (58%)

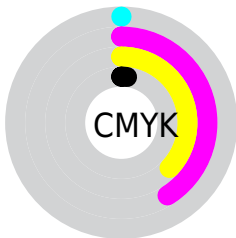
Blue (62%)



Red (98%)

Yellow (58%)

Blue (62%)

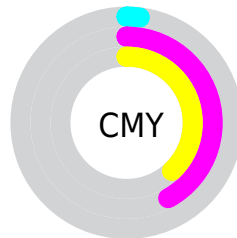


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1858, 43.9724, 37.8740 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 56.1858, 43.9724, 37.8740 by changing the saturation by 10% instead.


 56.1858, 43.9724,
37.8740


 56.1858, 43.9724,
37.8740


400.4550,
362.5956, 352.3611

 40.5895, 30.6488,
25.5838


 98.4144, 81.1762,
73.1163

 28.1847, 20.3316,
16.2896


 125.7774,
105.8252, 96.9054

 18.6061, 12.6363,
9.5727

157.7934,
135.0182, 125.3647

 11.4883, 7.1786,
5.0147

194.8277,
169.1394, 158.9126

 6.4660, 3.5740,
2.1970

237.2456,
208.5734, 197.9676

 3.1738, 1.4383,
0.6726

285.4126,

 1.2463, 0.2447,

253.7045, 242.9483

0.0000

339.6939,
304.9171, 294.2733

■ 0.1425, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1858, 43.9724,
37.8740

■ 56.1858, 43.9724,
37.8740

■ 50.9131, 36.2536,
27.4027

■ 62.6637, 53.5315,
50.5050

■ 46.7677, 30.2506,
18.9675

■ 70.4116, 65.0319,
65.4047

■ 43.6678, 25.8341,
12.4362

■ 79.4936, 78.5748,
82.6780

■ 41.5189, 22.8534,
7.6598

■ 89.9685, 94.2528,
102.4221

■ 40.2094, 21.1285,
4.4669

■ 93.2343, 99.0640,
108.8150

■ 39.5944, 20.3920,
2.7407

Harmonies

Analogous

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



56.3607, 43.9724, 57.7513



56.1858, 43.9724, 37.8740



51.8837, 43.9724, 25.0073

Triad

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



56.1858, 43.9724, 37.8740



32.7717, 43.9724, 25.7421



38.6429, 43.9724, 96.2349

Complementary

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



56.1858, 43.9724, 37.8740



62.1286, 80.9594, 94.7946

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.



33.1060, 43.9724, 81.6358



56.1858, 43.9724, 37.8740



29.9827, 43.9724, 39.2003

Square

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



56.1858, 43.9724, 37.8740



38.1372, 43.9724, 19.4681



30.0978, 43.9724, 59.5057



45.6784, 43.9724, 95.5822

Rectangle

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



56.1858, 43.9724, 37.8740



47.5033, 43.9724, 20.4555



30.0978, 43.9724, 59.5057



36.5623, 43.9724, 92.8042

Sweetspot

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



56.1870, 43.9746, 37.8748



81.9235, 80.3547, 84.1539



63.7138, 46.5744, 96.0742



17.2566, 16.7835, 17.4844



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.



56.1870, 43.9746, 37.8748



54.1339, 39.2004, 30.4203



62.9256, 58.7733, 36.0476



17.3137, 17.2528, 18.2417



21.0252, 10.8258, 1.5750



1.9697, 1.0116, 0.2637

Inverse Universe

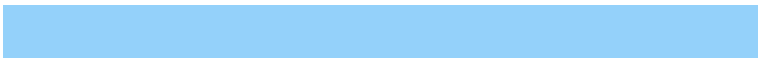
The Inverse Universe completely reimagines the original color for something new.



56.1870, 43.9746, 37.8748



54.1339, 39.2004, 30.4203



52.3195, 58.8991, 99.0536



17.3137, 17.2528, 18.2417



21.0252, 10.8258, 1.5750



1.9697, 1.0116, 0.2637

Previews

White Background



This preview shows how the XYZ color 56.1858, 43.9724, 37.8740 looks on a white background.

Color Contrast Check

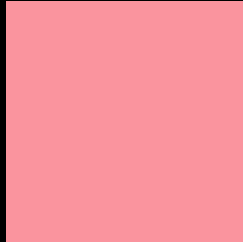
Large Text (above 18pt) WCAG AA × Fail

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 56.1858, 43.9724, 37.8740 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 56.1858, 43.9724, 37.8740

Background



This preview shows how black text looks on a background with the XYZ color 56.1858, 43.9724, 37.8740.



This preview shows how white text looks on a background with the XYZ color 56.1858, 43.9724,

37.8740.

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

56.1858, 43.9724, 37.8740

Protanopia

42.5564, 44.4065, 45.8635

Deuteranopia

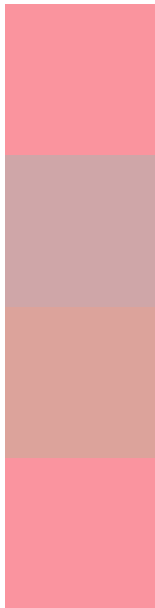
45.0242, 44.1554, 36.7217



Tritanopia

56.2723, 44.0070, 38.3292

Trichromacy



Original Color

56.1858, 43.9724, 37.8740

Protanomaly

46.4362, 43.3650, 42.9686

Deuteranomaly

48.5288, 43.7766, 36.9023

Tritanomaly

56.2723, 44.0070, 38.3292

Monochromacy



Original Color

56.1858, 43.9724, 37.8740

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.6259, 43.9630, 45.0580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1858, 43.9724, 37.8740 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(250, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(250, 148, 158)  
}
```

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(250, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 148, 158) }
```

Border

The CSS property to change the border of an element to XYZ 56.1858, 43.9724, 37.8740 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(250, 148, 158) }
```


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

```
.border{ border-color:rgb(250, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(250, 148,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1858, 43.9724, 37.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 148, 158) }
```

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

```
.background{ background-color: rgb(250,  
148, 158) }
```

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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