

Converting Colors

XYZ(57.1396, 46.3387, 37.7268)

Have a look what the booklet for
XYZ(57.1396, 46.3387, 37.7268)
contains.

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Color

**XYZ(57.0412, 46.3510,
37.8385)**

Conversions

Conversions Part 1

Format	Color
Hex	F99C9D
RGB	249, 156, 157
RGB Percent	98%, 61%, 62%
CMY	0.0235, 0.3882, 0.3843
CMYK	0.00, 0.37, 0.37, 0.02
HSL	359°, 89%, 79%
HSV	359°, 37%, 98%
XYZ	57.0412, 46.3510, 37.8385
YIQ	183.9210, 55.1070, 20.0270

Conversions

Conversions Part 2

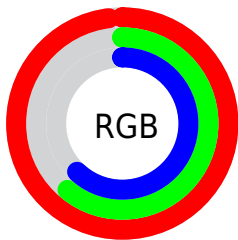
Format	Color
R_{YB}	249, 156, 157
Decimal	16358557
CIE Lab	73.77, 34.80, 14.17
CIE LCh	74, 37.571, 22.156
Yxy	46.3510, 0.4039, 0.3282
Android (android.graphics.Color)	4294548637 (0xFFFF99C9D)
YUV	183.9210, -13.2721, 57.0743
Hunter-Lab	68.0816, 30.4110, 14.7048

Details

The XYZ color **57.0412, 46.3510, 37.8385** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.5314, 81.5976, 101.1602**, and the grayscale version is **45.5672, 47.9402, 52.2069**.

A 20% lighter version of the original color is **76.4179, 72.6020, 72.2733**, and **28.6870, 21.6883, 16.3100** is the 20% darker color. If you saturate the color by 10%, you get **51.3876, 38.0770, 26.6030**, and if you desaturate by 10%, it is **63.9776, 56.5119, 51.5943**.

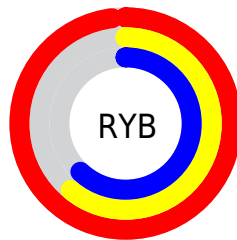
Distribution



Red (98%)

Green (61%)

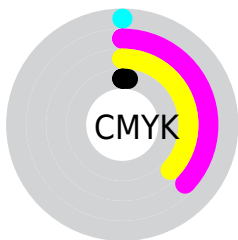
Blue (62%)



Red (98%)

Yellow (61%)

Blue (62%)

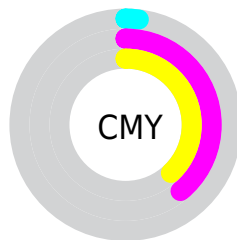


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0412, 46.3510, 37.8385 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 57.0412, 46.3510, 37.8385 by changing the saturation by 10% instead.


 57.0412, 46.3510,
37.8385


 57.0412, 46.3510,
37.8385


403.6154,
372.2180, 352.2041

 41.2786, 32.5229,
25.5565

 99.6563, 84.7441,
73.0612

 28.7255, 21.7612,
16.2694


 127.2395,
110.0778, 96.8390

 19.0165, 13.6815,
9.5586


159.4936,
140.0155, 125.2858

 11.7863, 7.8995,
5.0055

196.7840,
174.9417, 158.8202

 6.6695, 4.0307,
2.1917

239.4760,
215.2406, 197.8607

 3.3007, 1.6908,
0.6696

287.9350,

 1.3147, 0.4177,

261.2967, 242.8258

0.0000

342.5264,
313.4943, 294.1341

■ 0.1942, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0412, 46.3510,
37.8385

■ 57.0412, 46.3510,
37.8385

■ 51.3876, 38.0770,
26.6030

■ 63.9776, 56.5119,
51.5943

■ 46.9349, 31.5675,
17.7325

■ 72.2650, 68.6586,
68.0074

■ 43.5974, 26.6964,
11.0589

■ 81.9708, 82.8915,
87.2083

■ 41.2765, 23.3179,
6.3907

■ 92.8769, 98.8797,
108.7983

■ 39.8566, 21.2609,
3.5038

■ 39.1890, 20.3033,
2.1176

■ 39.0815, 20.1456,
1.9051

Harmonies

Analogous

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



58.0298, 46.3510, 55.6524



57.0412, 46.3510, 37.8385



52.4066, 46.3510, 26.6539

Triad

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



57.0412, 46.3510, 37.8385



34.6787, 46.3510, 31.1117



42.3269, 46.3510, 96.3329

Complementary

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



57.0412, 46.3510, 37.8385



64.5314, 81.5976, 101.1602

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.



36.6418, 46.3510, 85.4090



57.0412, 46.3510, 37.8385



32.5262, 46.3510, 45.6167

Square

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



57.0412, 46.3510, 37.8385



39.3908, 46.3510, 23.5090



33.2068, 46.3510, 65.6357



49.0741, 46.3510, 92.7323

Rectangle

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



57.0412, 46.3510, 37.8385



48.1058, 46.3510, 22.9454



33.2068, 46.3510, 65.6357



40.2387, 46.3510, 94.1580

Sweetspot

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



57.0424, 46.3533, 37.8394



82.5951, 81.7307, 84.2764



67.5052, 50.4748, 95.8073



17.3782, 17.0530, 17.4441



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.



57.0424, 46.3533, 37.8394



55.4980, 42.0266, 30.5727



65.9440, 64.2919, 40.3894



17.2522, 17.2282, 17.9177



20.9230, 10.7849, 1.0369



1.9404, 0.9999, 0.1095

Inverse Universe

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



57.0424, 46.3533, 37.8394



55.4980, 42.0266, 30.5727



52.4160, 57.1192, 97.8850



17.2522, 17.2282, 17.9177



20.9230, 10.7849, 1.0369



1.9404, 0.9999, 0.1095

Previews

White Background



This preview shows how the XYZ color 57.0412, 46.3510, 37.8385 looks on a white background.

Color Contrast Check

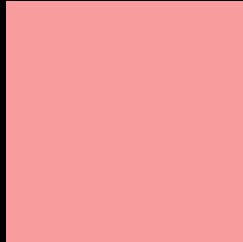
Large Text (above 18pt) WCAG AA × Fail

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 57.0412, 46.3510, 37.8385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

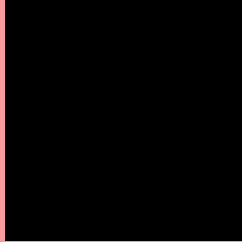
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0412, 46.3510, 37.8385

Background



This preview shows how black text looks on a background with the XYZ color 57.0412, 46.3510, 37.8385.



This preview shows how white text looks on a background with the XYZ color 57.0412, 46.3510,

37.8385.

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

57.0412, 46.3510, 37.8385

Protanopia

44.5186, 46.6414, 44.6865

Deuteranopia

47.4572, 46.5483, 37.0553



Tritanopia

58.0286, 46.5199, 41.9972

Trichromacy



Original Color

57.0412, 46.3510, 37.8385



Protanomaly

48.1224, 45.9233, 41.9251



Deuteranomaly

50.6595, 46.2191, 37.2615



Tritanomaly

57.7565, 46.4110, 40.5645

Monochromacy



Original Color

57.0412, 46.3510, 37.8385



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

48.7885, 46.7380, 46.4943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0412, 46.3510, 37.8385 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(249, 156, 157)` looks like.

```
.text, #text, p{  
    color:rgb(249, 156, 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(249, 156, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 156, 157) }
```

Border

The CSS property to change the border of an element to XYZ 57.0412, 46.3510, 37.8385 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(249, 156, 157) }
```


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

```
.border{ border-color:rgb(249, 156, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 156, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 156, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 156, 157);  
box-shadow:4px 4px 4px 4px rgb(249, 156,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0412, 46.3510, 37.8385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 156, 157) }
```

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

```
.background{ background-color: rgb(249,  
156, 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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