

Converting Colors

XYZ(57.5118, 44.0559, 37.4050)

Have a look what the booklet for
XYZ(57.5118, 44.0559, 37.4050)
contains.

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Color

**XYZ(57.4512, 43.9451,
37.3525)**

Conversions

Conversions Part 1

Format	Color
Hex	FF919D
RGB	255, 145, 157
RGB Percent	100%, 57%, 62%
CMY	0.0000, 0.4313, 0.3843
CMYK	0.00, 0.43, 0.38, 0.00
HSL	353°, 100%, 78%
HSV	353°, 43%, 100%
XYZ	57.4512, 43.9451, 37.3525
YIQ	179.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

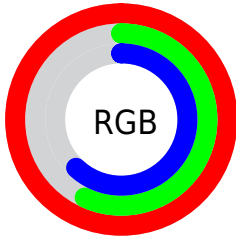
Format	Color
R_{YB}	255, 145, 157
Decimal	16748957
CIE _{Lab}	72.19, 42.62, 12.05
CIE _{LCh}	72, 44.290, 15.785
Yxy	43.9451, 0.4141, 0.3167
Android (android.graphics.Color)	4294939037 (0xFFFF919D)
YUV	179.2580, -10.9732, 66.4257
Hunter-Lab	66.2911, 38.6876, 12.9961

Details

The XYZ color **57.4512, 43.9451, 37.3525** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6169, 84.0118, 97.6617**, and the grayscale version is **43.0201, 45.2605, 49.2887**.

A 20% lighter version of the original color is **73.6521, 67.2717, 70.7309**, and **28.9343, 20.2970, 16.0284** is the 20% darker color. If you saturate the color by 10%, you get **52.2201, 36.3038, 26.9124**, and if you desaturate by 10%, it is **63.9197, 53.4838, 49.9853**.

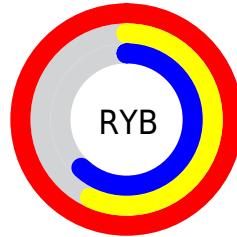
Distribution



Red (100%)

Green (57%)

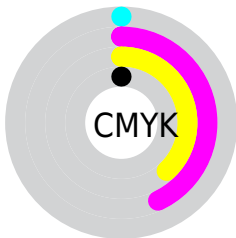
Blue (62%)



Red (100%)

Yellow (57%)

Blue (62%)

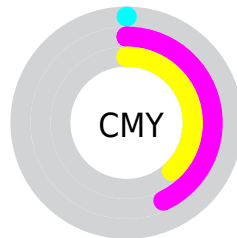


Cyan (0%)

Magenta (43%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4512, 43.9451, 37.3525 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 57.4512, 43.9451, 37.3525 by changing the saturation by 10% instead.


 57.4512, 43.9451,
37.3525

 57.4512, 43.9451,
37.3525


405.1248,
362.4842, 350.0487

 41.6092, 30.6274,
25.1826


 100.2508, 81.1351,
72.3070

 28.9851, 20.3153,
15.9929


 127.9391,
105.7762, 95.9286

 19.2138, 12.6244,
9.3648


160.3068,
134.9605, 124.2046

 11.9298, 7.1704,
4.8799

197.7194,
169.0724, 157.5535

 6.7677, 3.5689,
2.1194

240.5421,
208.4963, 196.3938

 3.3623, 1.4355,
0.6273

289.1403,

 1.3481, 0.2426,

253.6167, 241.1441

0.0000

343.8794,
304.8178, 292.2229

■ 0.2188, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4512, 43.9451,
37.3525

■ 57.4512, 43.9451,
37.3525

■ 52.2201, 36.3038,
26.9124

■ 63.9197, 53.4838,
49.9853

■ 48.1436, 30.4268,
18.5372

■ 71.6943, 65.0282,
64.9235

■ 45.1345, 26.1745,
12.0899

■ 80.8429, 78.6860,
82.2751

■ 43.0911, 23.3831,
7.4156

■ 91.4274, 94.5556,
102.1405

■ 41.8919, 21.8542, 95.0500, 100.0000,
4.3349 108.9000

■ 41.4473, 21.3429,
3.0215

Harmonies

Analogous

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



57.5793, 43.9451, 58.8681



57.4512, 43.9451, 37.3525



52.7990, 43.9451, 23.7023

Triad

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



57.4512, 43.9451, 37.3525



32.1543, 43.9451, 24.2129



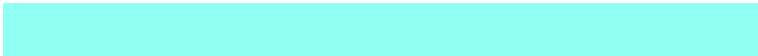
38.2850, 43.9451, 100.9009

Complementary

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



57.4512, 43.9451, 37.3525



63.6169, 84.0118, 97.6617

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.



32.3924, 43.9451, 84.5072



57.4512, 43.9451, 37.3525



29.1545, 43.9451, 38.2982

Square

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



57.4512, 43.9451, 37.3525



37.9217, 43.9451, 17.8379



29.2360, 43.9451, 60.1473



45.8670, 43.9451, 100.4143

Rectangle

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



57.4512, 43.9451, 37.3525



48.0474, 43.9451, 18.9491



29.2360, 43.9451, 60.1473



36.0620, 43.9451, 97.0076

Sweetspot

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



57.4524, 43.9473, 37.3533



80.9756, 78.8846, 82.5254



64.8519, 46.3798, 100.1419



16.8730, 16.1979, 16.7970



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.



57.4524, 43.9473, 37.3533



52.7540, 37.0796, 27.9906



64.1580, 58.9178, 34.7817



18.0899, 18.0193, 19.0904



21.6828, 11.1624, 1.7142



2.1362, 1.0969, 0.2987

Inverse Universe

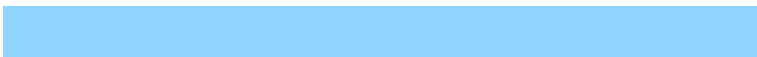
The Inverse Universe completely reimagines the original color for something new.



57.4524, 43.9473, 37.3533



52.7540, 37.0796, 27.9906



53.4813, 60.7464, 103.5142



18.0899, 18.0193, 19.0904



21.6828, 11.1624, 1.7142



2.1362, 1.0969, 0.2987

Previews

White Background



This preview shows how the XYZ color 57.4512, 43.9451, 37.3525 looks on a white background.

Color Contrast Check

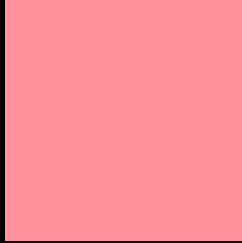
Large Text (above 18pt) WCAG AA × Fail

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 57.4512, 43.9451, 37.3525 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 57.4512, 43.9451, 37.3525

Background



This preview shows how black text looks on a background with the XYZ color 57.4512, 43.9451, 37.3525.



This preview shows how white text looks on a background with the XYZ color 57.4512, 43.9451,

37.3525.

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

57.4512, 43.9451, 37.3525

Protanopia

42.4182, 44.3240, 46.3641

Deuteranopia

44.9413, 44.1222, 36.2848



Tritanopia

57.3661, 43.9111, 36.9047

Trichromacy



Original Color

57.4512, 43.9451, 37.3525



Protanomaly

46.5354, 43.1473, 42.9214



Deuteranomaly

48.8773, 43.7034, 36.4313



Tritanomaly

57.3661, 43.9111, 36.9047

Monochromacy



Original Color

57.4512, 43.9451, 37.3525



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.9015, 43.8431, 44.5187

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4512, 43.9451, 37.3525 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(255, 145, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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(255, 145, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 157) }
```

Border

The CSS property to change the border of an element to XYZ 57.4512, 43.9451, 37.3525 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(255, 145, 157) }
```


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

```
.border{ border-color:rgb(255, 145, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4512, 43.9451, 37.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 157) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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