

Converting Colors

XYZ(57.2680, 47.1931, 37.6658)

Have a look what the booklet for
XYZ(57.2680, 47.1931, 37.6658)
contains.

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Color

**XYZ(57.1103, 47.1530,
37.5439)**

Conversions

Conversions Part 1

Format	Color
Hex	F89F9C
RGB	248, 159, 156
RGB Percent	97%, 62%, 61%
CMY	0.0275, 0.3764, 0.3882
CMYK	0.00, 0.36, 0.37, 0.03
HSL	2°, 87%, 79%
HSV	2°, 37%, 97%
XYZ	57.1103, 47.1530, 37.5439
YIQ	185.2690, 54.0070, 17.9350

Conversions

Conversions Part 2

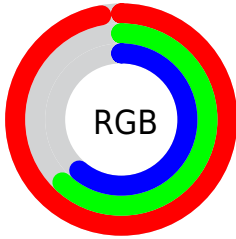
Format	Color
R_{YB}	248, 159, 156
Decimal	16293788
CIE _{Lab}	74.29, 32.75, 15.42
CIE _{LCh}	74, 36.198, 25.218
Yxy	47.1530, 0.4027, 0.3325
Android (android.graphics.Color)	4294483868 (0xFFFF89F9C)
YUV	185.2690, -14.4296, 55.0151
Hunter-Lab	68.6680, 28.2870, 15.6511

Details

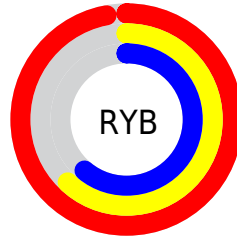
The XYZ color **57.1103, 47.1530, 37.5439** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3047, 79.1471, 100.7474**, and the grayscale version is **46.3217, 48.7341, 53.0714**.

A 20% lighter version of the original color is **76.9194, 74.0063, 71.2033**, and **28.6901, 22.1468, 16.1272** is the 20% darker color. If you saturate the color by 10%, you get **51.4881, 38.9332, 26.3454**, and if you desaturate by 10%, it is **63.9643, 57.1500, 51.2690**.

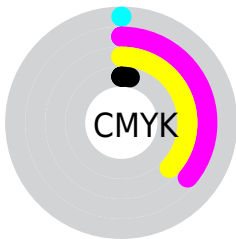
Distribution



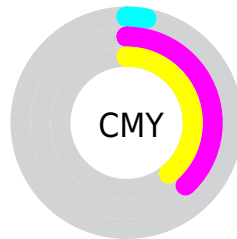
- Red (97%)
- Green (62%)
- Blue (61%)



- Red (97%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (36%)
- Yellow (37%)
- Black (3%)





- Cyan (3%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.1103, 47.1530, 37.5439 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 57.1103, 47.1530, 37.5439 by changing the saturation by 10% instead.


 57.1103, 47.1530,
37.5439


 57.1103, 47.1530,
37.5439


403.8700,
375.4249, 350.8987

 41.3343, 33.1566,
25.3298


 99.7565, 85.9420,
72.6042

 28.7692, 22.2465,
16.1017


 127.3575,
111.5033, 96.2874

 19.0497, 14.0381,
9.4410


159.6308,
141.6885, 124.6308

 11.8104, 8.1472,
4.9292

196.9418,
176.8818, 158.0529

 6.6860, 4.1893,
2.1478

239.6558,
217.4677, 196.9722

 3.3111, 1.7800,
0.6440

288.1383,

 1.3203, 0.4747,

263.8306, 241.8072

0.0000

342.7546,
316.3549, 292.9765

■ 0.1984, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1103, 47.1530,
37.5439

■ 57.1103, 47.1530,
37.5439

■ 51.4881, 38.9332,
26.3454

■ 63.9643, 57.1500,
51.2690

■ 47.0212, 32.3801,
17.5170

■ 72.1131, 69.0123,
67.6588

■ 43.6305, 27.3820,
10.8890

■ 81.6200, 82.8307,
86.8448

■ 41.2251, 23.8101,
6.2679

■ 92.5106, 98.6748,
108.7781

■ 39.6996, 21.5155,
3.4271

■ 92.5214, 98.6965,
108.7817

■ 38.9227, 20.3158,
2.0767

■ 38.7994, 20.1323,
1.8410

Harmonies

Analogous

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



58.4707, 47.1530, 54.3859



57.1103, 47.1530, 37.5439



52.3369, 47.1530, 27.1856

Triad

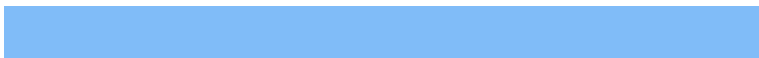
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1103, 47.1530, 37.5439



35.3108, 47.1530, 33.5004



43.7829, 47.1530, 95.9421

Complementary

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



57.1103, 47.1530, 37.5439



63.3047, 79.1471, 100.7474

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.



38.0552, 47.1530, 86.7338



57.1103, 47.1530, 37.5439



33.4746, 47.1530, 48.4130

Square

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



57.1103, 47.1530, 37.5439



39.6977, 47.1530, 25.2777



34.4288, 47.1530, 68.1629



50.3597, 47.1530, 91.0387

Rectangle

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



57.1103, 47.1530, 37.5439



48.0847, 47.1530, 23.9138



34.4288, 47.1530, 68.1629



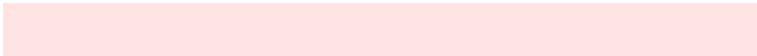
41.7018, 47.1530, 94.3418

Sweetspot

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



57.1115, 47.1553, 37.5448



82.8049, 82.2165, 84.1420



67.3064, 50.4163, 93.7488



17.4276, 17.1675, 17.4124



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.



57.1115, 47.1553, 37.5448



55.9651, 43.1069, 30.2785



66.1946, 65.3213, 40.5725



17.2901, 17.3160, 17.8934



20.9788, 10.9143, 1.0010



1.9585, 1.0419, 0.0979

Inverse Universe

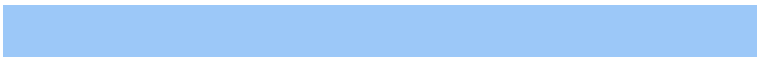
The Inverse Universe completely reimagines the original color for something new.



63.3047, 79.1471, 100.7474



63.4832, 81.9689, 107.0834



51.4165, 55.3707, 96.7847



17.7144, 19.5056, 22.2166



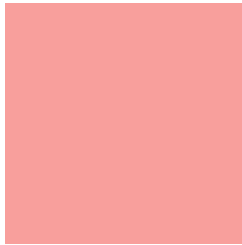
25.9907, 37.3370, 53.8105



2.4220, 3.4877, 4.9887

Previews

White Background



This preview shows how the XYZ color 57.1103, 47.1530, 37.5439 looks on a white background.

Color Contrast Check

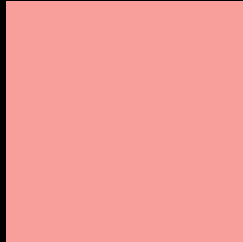
Large Text (above 18pt) WCAG AA × Fail

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 57.1103, 47.1530, 37.5439 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 57.1103, 47.1530, 37.5439

Background



This preview shows how black text looks on a background with the XYZ color 57.1103, 47.1530, 37.5439.



This preview shows how white text looks on a background with the XYZ color 57.1103, 47.1530,

37.5439.

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

57.1103, 47.1530, 37.5439

Protanopia

45.0310, 47.2302, 43.7887

Deuteranopia

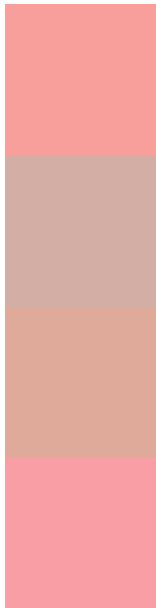
48.1391, 47.1995, 36.7102



Tritanopia

58.2853, 47.1183, 43.5589

Trichromacy



Original Color

57.1103, 47.1530, 37.5439

Protanomaly

48.7009, 46.8013, 41.5887

Deuteranomaly

50.9479, 46.9298, 36.9450

Tritanomaly

57.9946, 47.2738, 41.1901

Monochromacy



Original Color

57.1103, 47.1530, 37.5439

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.1777, 47.5166, 46.6241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1103, 47.1530, 37.5439 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(248, 159, 156)` looks like.

```
.text, #text, p{  
    color:rgb(248, 159, 156)  
}
```

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(248, 159, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 159, 156) }
```

Border

The CSS property to change the border of an element to XYZ 57.1103, 47.1530, 37.5439 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(248, 159, 156) }
```


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

```
.border{ border-color:rgb(248, 159, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 159, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 159, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 159, 156);  
box-shadow:4px 4px 4px 4px rgb(248, 159,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1103, 47.1530, 37.5439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 159, 156) }
```

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

```
.background{ background-color: rgb(248,  
159, 156) }
```

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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