

Converting Colors

XYZ(97.2431, 70.2313, 49.2044)

Have a look what the booklet for
XYZ(97.2431, 70.2313, 49.2044)
contains.

| | |
|--|----|
| XYZ(63.1658, 52.7311, 47.4064) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(63.1658, 52.7311,
47.4064)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFA9AF |
| RGB | 255, 169, 175 |
| RGB Percent | 100%, 66%, 69% |
| CMY | 0.0000, 0.3372, 0.3137 |
| CMYK | 0.00, 0.34, 0.31, 0.00 |
| HSL | 356°, 100%, 83% |
| HSV | 356°, 34%, 100% |
| XYZ | 63.1658, 52.7311, 47.4064 |
| YIQ | 195.3980, 49.3300, 20.0980 |

Conversions

Conversions Part 2

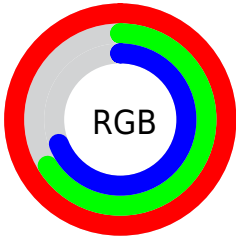
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 169, 175 |
| Decimal | 16755119 |
| CIE _{Lab} | 77.72, 32.38, 9.99 |
| CIE _{LCh} | 78, 33.892, 17.151 |
| Y _{xy} | 52.7311, 0.3868, 0.3229 |
| Android (android.graphics.Color) | 4294945199 (0xFFFFA9AF) |
| Y _{UV} | 195.3980, -10.0562, 52.2710 |
| Hunter-Lab | 72.6162, 28.1914, 12.1247 |

Details

The XYZ color **63.1658, 52.7311, 47.4064** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.2234, 86.7957, 102.7317**, and the grayscale version is **52.1480, 54.8637, 59.7466**.

A 20% lighter version of the original color is **82.4481, 80.8236, 86.1179**, and **32.5855, 25.6566, 21.9737** is the 20% darker color. If you saturate the color by 10%, you get **56.7473, 43.3009, 34.7640**, and if you desaturate by 10%, it is **70.9215, 64.1802, 62.5148**.

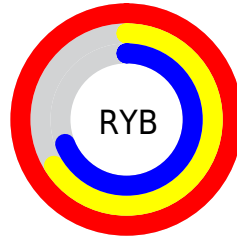
Distribution



Red (100%)

Green (66%)

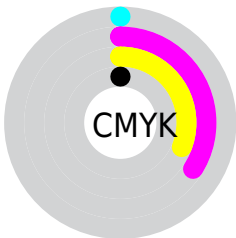
Blue (69%)



Red (100%)

Yellow (66%)

Blue (69%)

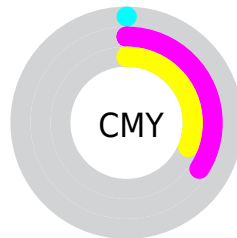


Cyan (0%)

Magenta (34%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1658, 52.7311, 47.4064 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 63.1658, 52.7311, 47.4064 by changing the saturation by 10% instead.

 63.1658, 52.7311,
47.4064

 63.1658, 52.7311,
47.4064


425.8211,
397.2526, 392.8750

 46.2345, 37.5882,
33.0004

 108.4891, 94.2086,
87.6763

 32.6363, 25.6632,
21.8556


137.6119,
121.3119, 114.3772

 22.0059, 16.5718,
13.5536


171.5292,
153.1708, 146.0135

 13.9779, 9.9297,
7.6756

210.6064,
190.1696, 183.0038

 8.1869, 5.3524,
3.8033

255.2088,
232.6928, 225.7665

 4.2676, 2.4555,
1.5181


305.7018,

 1.8546, 0.8542,


281.1248, 274.7203


0.2313

362.4508,
335.8499, 330.2836


 0.5502, 0.0000,
0.0000


 0.0000, 0.0000,
0.0000


 63.1658, 52.7311,
47.4064


 63.1658, 52.7311,
47.4064


 56.7473, 43.3009,
34.7640


 70.9215, 64.1802,
62.5148

 51.5864, 35.7653,
24.4538

 80.0797, 77.7478,
80.2073

 47.6015, 29.9985,
16.3340

 90.7064, 93.5360,
100.5980

 44.6997, 25.8559,
10.2458

95.0500, 100.0000,
108.9000

■ 42.7739, 23.1705,
6.0094

■ 41.6953, 21.7387,
3.4129

■ 41.3474, 21.3029,
2.4953

Harmonies

Analogous

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



63.4522, 52.7311, 65.8302



63.1658, 52.7311, 47.4064



59.1974, 52.7311, 34.7917

Triad

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



63.1658, 52.7311, 47.4064



41.4277, 52.7311, 36.1832



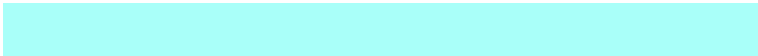
47.3660, 52.7311, 100.3341

Complementary

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



63.1658, 52.7311, 47.4064



69.2234, 86.7957, 102.7317

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.



42.0203, 52.7311, 88.1854



63.1658, 52.7311, 47.4064



38.7986, 52.7311, 49.7497

Square

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



63.1658, 52.7311, 47.4064



46.4905, 52.7311, 29.3497



39.0056, 52.7311, 68.7420



53.9323, 52.7311, 99.3191

Rectangle

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



63.1658, 52.7311, 47.4064



55.1792, 52.7311, 30.1420



39.0056, 52.7311, 68.7420



45.3787, 52.7311, 97.5596

Sweetspot

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



63.1672, 52.7336, 47.4074



83.8609, 83.3609, 87.4774



70.8917, 55.5245, 101.5886



17.6390, 17.3813, 18.1268



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.



63.1672, 52.7336, 47.4074



58.9861, 46.5844, 39.1911



70.1945, 67.7096, 46.9090



18.0607, 18.0076, 18.9370



21.6236, 11.1387, 1.4024



2.1225, 1.0914, 0.2264

Inverse Universe

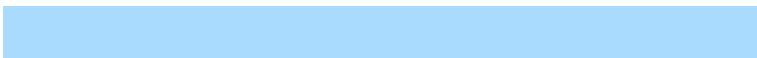
The Inverse Universe completely reimagines the original color for something new.



63.1672, 52.7336, 47.4074



58.9861, 46.5844, 39.1911



59.7894, 66.4073, 104.2744



18.0607, 18.0076, 18.9370



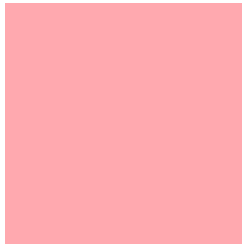
21.6236, 11.1387, 1.4024



2.1225, 1.0914, 0.2264

Previews

White Background



This preview shows how the XYZ color 63.1658, 52.7311, 47.4064 looks on a white background.

Color Contrast Check

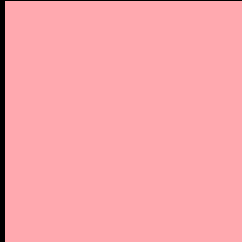
Large Text (above 18pt) WCAG AA × Fail

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 63.1658, 52.7311, 47.4064 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 63.1658, 52.7311, 47.4064

Background



This preview shows how black text looks on a background with the XYZ color 63.1658, 52.7311, 47.4064.



This preview shows how white text looks on a background with the XYZ color 63.1658, 52.7311,

47.4064.

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

63.1658, 52.7311, 47.4064

Protanopia

50.8452, 53.1574, 54.5943

Deuteranopia

54.2187, 53.1564, 46.4323



Tritanopia

63.5831, 52.6015, 50.5180

Trichromacy



Original Color

63.1658, 52.7311, 47.4064



Protanomaly

54.6012, 52.6053, 52.0758



Deuteranomaly

57.1428, 52.8155, 46.7178



Tritanomaly

63.3793, 52.5199, 49.4447

Monochromacy



Original Color

63.1658, 52.7311, 47.4064



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.2513, 53.5004, 54.9915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1658, 52.7311, 47.4064 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, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 175)  
}
```

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, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.1658, 52.7311, 47.4064 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, 169, 175) }
```


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

```
.border{ border-color:rgb(255, 169, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1658, 52.7311, 47.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 175) }
```

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

```
.background{ background-color: rgb(255,  
169, 175) }
```

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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